National Energy Board

Office national de l'énergie

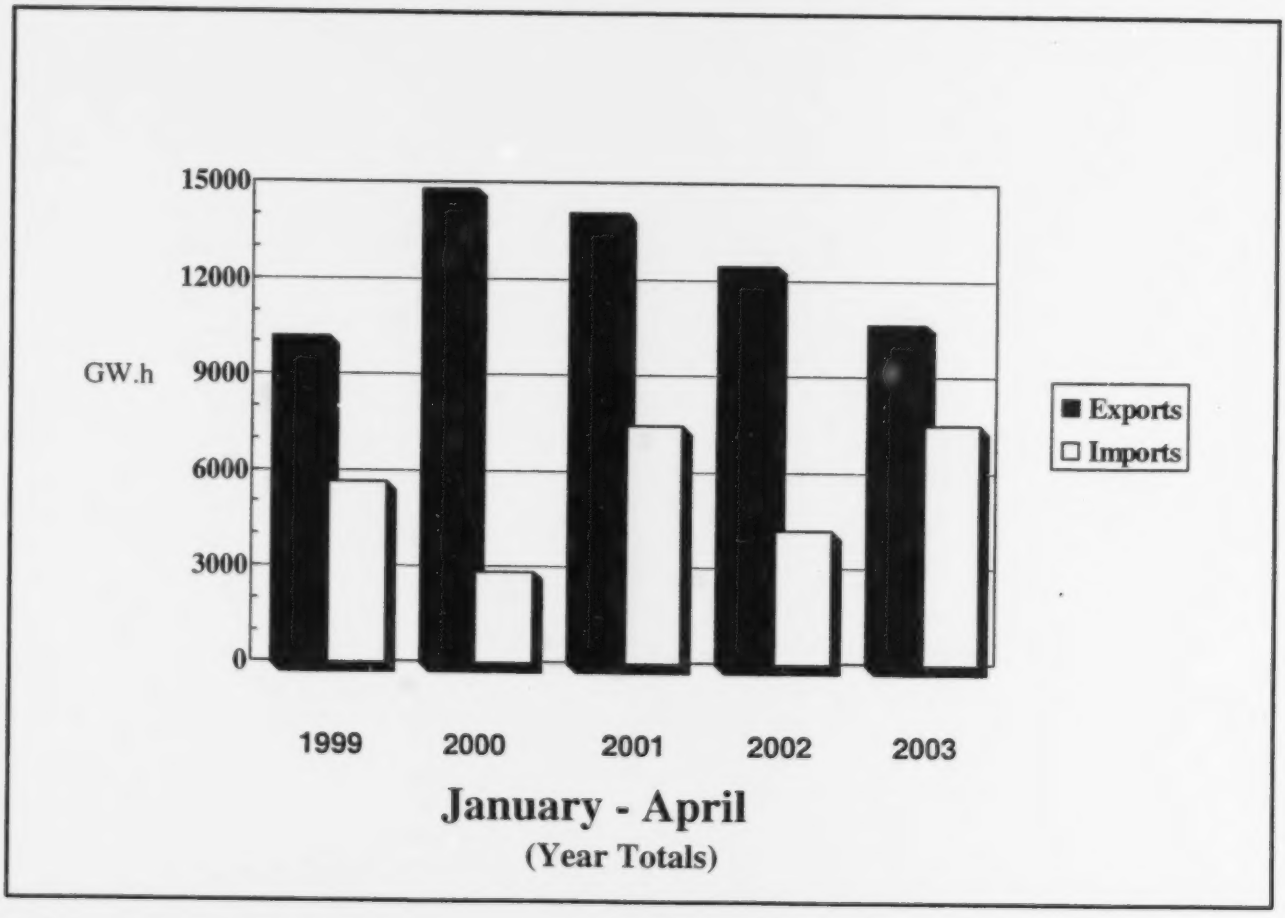
# Electricity Exports and Imports

## Monthly Statistics for

## April 2003

Exports: **2427** GW.h

Imports: **1785** GW.h




**January - April**

**(Year Totals)**

Canada

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# TABLE 1
# Exports and Imports of Electricity
# Summary: Canada
# APRIL 2003



| | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|
| **Exports of Electric Energy** | Firm | 905 828 | 3 838 589 | 58 090 308 | 233 012 713 | 53.85 | 51.58 |
| | Interruptible | 1 521 188 | 6 865 185 | 99 719 495 | 508 974 067 | 63.75 | 56.28 |
| | Non-Revenue/Inadvertant | - 450 085 | -2 341 403 | 0 | 0 | 0.00 | 0.00 |
| | Service | 111 509 | 356 259 | 67 695 | 1 036 005 | 0.61 | 4.15 |
| **Total Exports** | | **2 088 440** | **8 718 630** | **157 877 497** | **743 022 784** | **69.82** | **60.50** |
| Total Sales - Firm and Interruptible | | 2 427 016 | 10 703 774 | 157 809 803 | 741 986 779 | 60.05 | 54.84 |
| **Imports of Electric Energy** | Non-Revenue/Inadvertant | 65 558 | - 381 873 | 0 | 0 | 0.00 | 0.00 |
| | Purchase | 1 784 829 | 7 529 511 | 81 970 918 | 452 246 909 | 45.93 | 55.35 |
| | Service | 111 509 | 356 259 | 4 831 | 231 981 | 0.04 | 0.46 |
| **Total Imports** | | **1 961 896** | **7 503 897** | **81 975 749** | **452 478 890** | **41.78** | **54.84** |
| **Excess of Exports Over Imports** | | **126 543** | **1 214 734** | **75 901 749** | **290 543 894** | | |

**Number of Export Licences:** 9

**Number of Export Permits/Orders:** 155

**164**

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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*Statistical Research Officer,*
*Commodities Business Unit Agente*
*National Energy Board*
*(403) 299-3706*

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Enmax Marketing | Permit 169 | I | 1 613 | 10 640 | 63 073 | 636 272 | 39.10 | 43.43 |
| EPCOR Merchant | Permit 186 | I | 611 | 5 152 | 21 491 | 317 218 | 35.17 | 61.57 |
| Powerex Corp. | Permit 116 | I | 6 | 14 | 593 | 1 306 | 98.89 | 93.26 |
| TransAlta Ener | Permit 168 | F | 5 283 | 21 648 | 240 056 | 1 183 069 | 45.44 | 39.57 |
| TransCanada | Permit 78 | I | 5 933 | 13 184 | 259 606 | 765 428 | 43.76 | 52.32 |
| **Subtotal Firm and Interruptible Exports: Alberta** | | | **13 446** | **50 638** | **584 819** | **2 903 293** | **43.49** | **43.53** |
| **British Columbia** | | | | | | | | |
| BC Hydro | Permit 105 | F | 165 | 407 189 | 11 533 | 97 280 | 69.79 | 0.79 |
| | Permit 127 | N | - 266 377 | -1 361 630 | 0 | 0 | 0.00 | 0.00 |
| | | S | 109 865 | 338 634 | 0 | 0 | 0.00 | 0.00 |
| | Permit 192 | N | 719 | 130 583 | 0 | 0 | 0.00 | 0.00 |
| | Treaty | N | 1 560 | 141 197 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | Permit 118 | I | 337 222 | 1 697 749 | 14 865 018 | 96 326 010 | 44.08 | 42.19 |
| Teck Cominco | Permit 132 | F | 38 082 | 265 052 | 1 725 296 | 15 576 063 | 45.30 | 45.67 |
| **Subtotal Firm and Interruptible Exports: British Columbia** | | | **375 469** | **2 369 991** | **16 601 847** | **111 999 353** | **44.22** | **40.35** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | Licence 170 | F | 269 022 | 1 090 722 | 13 424 813 | 54 582 323 | 49.90 | 49.45 |
| | Permit 35 | F | 0 | 0 | 0 | 7 319 | 0.00 | 32.52 |
| | Permit 45 | F | 16 371 | 64 835 | 1 304 094 | 5 351 607 | 79.66 | 82.61 |
| | Permit 46 | I | 127 042 | 451 079 | 6 714 044 | 23 945 531 | 52.85 | 46.80 |
| | | N | - 228 404 | - 980 252 | 0 | 0 | 0.00 | 0.00 |
| | Permit 68 | F | 21 594 | 81 493 | 741 395 | 2 872 626 | 34.33 | 38.88 |
| | Permit 128 | F | 462 | 3 034 | 25 354 | 144 363 | 54.93 | 52.12 |
| | Permit 144 | F | 16 998 | 69 488 | 1 539 749 | 6 484 110 | 90.58 | 95.31 |
| | Permit 155 | F | 20 087 | 78 342 | 1 328 464 | 5 393 472 | 66.14 | 69.97 |
| | Permit 207 | F | 34 466 | 136 866 | 2 548 280 | 10 473 967 | 73.94 | 78.28 |
| **Subtotal Firm and Interruptible Exports: Manitoba** | | | **506 042** | **1 975 859** | **27 626 193** | **109 255 318** | **54.59** | **53.31** |
| **New Brunswick** | | | | | | | | |
| Fraser Inc. | Permit 225 | F | 23 655 | 100 845 | 1 711 253 | 7 159 647 | 72.34 | 71.00 |
| NB Power | Permit 47 | F | 6 228 | 28 422 | 437 435 | 1 888 805 | 70.24 | 64.36 |
| | Permit 90 | F | 17 463 | 108 226 | 1 234 126 | 7 233 136 | 70.67 | 65.84 |
| | Permit 91 | I | 70 354 | 322 159 | 4 054 099 | 24 763 315 | 57.62 | 67.28 |
| | Permit 148 | F | 139 433 | 139 433 | 7 913 139 | 7 913 139 | 56.75 | 60.97 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| WPS Power Dev. | Licence 177 | F | 18 844 | 17 982 | 787 675 | 776 709 | 41.80 | 21.03 |
| **Subtotal Firm and Interruptible Exports: New Brunswick** | | | **275 977** | **717 067** | **16 137 727** | **49 734 751** | **58.47** | **63.98** |
| **Nova Scotia** | | | | | | | | |
| Emera Energy | Permit 216 | I | 2 135 | 2 335 | 96 729 | 145 803 | 45.31 | 62.44 |
| **Subtotal Firm and Interruptible Exports: Nova Scotia** | | | **2 135** | **2 335** | **96 729** | **145 803** | **45.31** | **62.44** |
| **Ontario** | | | | | | | | |
| Brascan | Permit 112 | F | 22 550 | 30 722 | 1 152 314 | 1 823 306 | 51.10 | 59.35 |
| Cargill Canada | Permit 204 | F | 2 860 | 26 233 | 179 254 | 2 494 464 | 62.68 | 87.87 |
| Conectiv Energy | Permit 212 | I | 3 000 | 71 664 | 154 893 | 4 791 437 | 51.63 | 54.44 |
| Coral Energy | Permit 174 | F | 30 250 | 55 909 | 1 432 210 | 3 000 992 | 47.35 | 51.16 |
| EPCOR Merchant | Permit 187 | F | 3 863 | 15 337 | 171 412 | 986 030 | 44.37 | 64.16 |
| Hydro One Net | Permit 25 | F | 20 | 20 | 1 081 | 1 081 | 55.36 | 52.34 |
| Ind Elc Mark Op | Permit 22 | N | 42 417 | - 271 301 | 0 | 0 | 0.00 | 0.00 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Ont Power Gen | Permit 24 | F | 21 | 92 | 41 | 185 | 2.00 | 2.00 |
| OPGI/OHIM | Permit 21 | I | 57 917 | 357 634 | 2 889 602 | 19 870 329 | 49.34 | 45.58 |
| | | S | 1 644 | 17 625 | 67 695 | 1 036 005 | 41.18 | 37.23 |
| PG&E Ener. Trad | Permit 146 | F | 0 | 2 190 | 0 | 107 778 | 0.00 | 42.44 |
| Powerex Corp. | Permit 116 | I | 0 | 286 | 0 | 32 740 | 0.00 | 114.48 |
| Sempra Corp | Permit 157 | F | 600 | 18 209 | 31 560 | 1 133 741 | 52.60 | 56.63 |
| SPLIT ROCK | Permit 221 | F | 51 861 | 174 738 | 3 464 077 | 12 485 291 | 66.80 | 57.44 |
| **Subtotal Firm and Interruptible Exports: Ontario** | | | **172 941** | **753 034** | **9 476 443** | **46 727 374** | **54.61** | **50.41** |
| **Quebec** | | | | | | | | |
| Brascan | Permit 112 | F | 37 669 | 261 393 | 2 356 530 | 19 780 026 | 62.56 | 74.88 |
| Hydro-Quebec | Licence 180 | F | 71 362 | 359 616 | 8 101 932 | 36 281 874 | 39.19 | 41.39 |
| | Licence 181 | F | 13 680 | 62 226 | 1 386 224 | 5 995 876 | 39.19 | 41.37 |
| | Licence 182 | F | 12 216 | 55 928 | 1 243 839 | 5 394 731 | 39.19 | 41.37 |
| | Licence 183 | F | 16 857 | 98 085 | 2 083 626 | 9 798 926 | 39.19 | 41.39 |
| | Licence 184 | F | 13 867 | 63 752 | 1 513 546 | 6 551 847 | 39.19 | 41.38 |
| | Permit 20 | F | 0 | 562 | 0 | 38 931 | 0.00 | 70.74 |
| | Permit 64 | I | 757 110 | 3 374 497 | 62 812 728 | 300 753 314 | 79.38 | 67.47 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| MEHQ | Permit 129 | I | 68 500 | 353 295 | 3 142 130 | 22 798 446 | 45.87 | 56.35 |
| **Subtotal Firm and Interruptible Exports: Quebec** | | | **991 261** | **4 629 354** | **82 640 556** | **407 393 970** | **71.23** | **63.17** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | Permit 88 | I | 89 745 | 205 068 | 4 645 490 | 13 798 336 | 51.76 | 54.55 |
| Powerex Corp. | Permit 116 | I | 0 | 429 | 0 | 28 582 | 0.00 | 66.62 |
| **Subtotal Firm and Interruptible Exports: Saskatchewan** | | | **89 745** | **205 497** | **4 645 490** | **13 826 918** | **51.76** | **54.56** |
| **Total Firm and Interruptible Exports:** | | | **2 427 016** | **10 703 774** | **157 809 803** | **741 986 779** | **60.05** | **54.84** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2B

## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Cargill Canada | - | P | 1 100 | 1 875 | 71 441 | 97 733 | 64.95 | 52.12 |
| Enmax Marketing | | P | 13 155 | 68 430 | 680 447 | 4 302 905 | 51.73 | 51.64 |
| EPCOR Merchant | | P | 16 006 | 27 325 | 848 804 | 1 779 526 | 53.03 | 50.27 |
| TransAlta Ener | | P | 143 273 | 319 875 | 7 495 875 | 21 937 530 | 52.32 | 60.44 |
| TransCanada | | P | 1 845 | 14 818 | 93 167 | 993 368 | 50.50 | 47.49 |
| **Subtotal Purchased Imports: Alberta** | | | **175 379** | **432 323** | **9 189 733** | **29 111 062** | **52.40** | **56.80** |
| **British Columbia** | | | | | | | | |
| Aquila Networks | | P | 0 | 2 552 | 0 | 196 400 | 0.00 | 75.12 |
| BC Hydro | | N | - 251 218 | -1 217 170 | 0 | 0 | 0.00 | 0.00 |
| | | S | 109 865 | 338 634 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | | P | 474 210 | 1 644 945 | 18 016 572 | 70 701 860 | 37.99 | 37.67 |
| Teck Cominco | | P | 0 | 86 285 | 0 | 4 881 632 | 0.00 | 37.85 |
| **Subtotal Purchased Imports: British Columbia** | | | **474 210** | **1 733 782** | **18 016 572** | **75 779 891** | **37.99** | **37.73** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | - | N | 272 332 | 1 075 370 | 0 | 0 | 0.00 | 0.00 |
| | | P | 445 448 | 1 881 956 | 17 047 990 | 90 243 560 | 38.27 | 41.23 |
| **Subtotal Purchased Imports: Manitoba** | | | **445 448** | **1 881 956** | **17 047 990** | **90 243 560** | **38.27** | **41.23** |
| **New Brunswick** | | | | | | | | |
| NB Power | | P | 2 023 | 11 667 | 69 211 | 1 502 625 | 34.21 | 128.79 |
| WPS Power Dev. | | P | 0 | 17 | 0 | 212 | 0.00 | 12.72 |
| **Subtotal Purchased Imports: New Brunswick** | | | **2 023** | **11 684** | **69 211** | **1 502 838** | **34.21** | **125.73** |
| **Ontario** | | | | | | | | |
| Brascan | | P | 73 029 | 217 984 | 4 884 533 | 17 282 768 | 66.88 | 79.28 |
| Cargill Canada | | P | 45 203 | 281 579 | 2 773 803 | 21 678 983 | 61.36 | 66.11 |
| Consumers Energ | | P | 0 | 83 | 0 | 12 284 | 0.00 | 148.00 |
| Coral Energy | | P | 713 | 110 081 | 40 297 | 3 673 141 | 56.52 | 47.22 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Detroit Edison | - | P | 0 | 117 | 0 | 69 471 | 0.00 | 593.77 |
| DTE Energy Trad | | P | 176 845 | 973 684 | 9 994 143 | 72 712 967 | 56.51 | 70.69 |
| Dynegy | | P | 8 599 | 133 410 | 653 875 | 12 989 920 | 76.04 | 80.92 |
| EPCOR Merchant | | P | 195 | 2 067 | 9 330 | 346 502 | 47.84 | 138.17 |
| Ind Elc Mark Op | | N | 44 444 | - 240 073 | 0 | 0 | 0.00 | 0.00 |
| Morgan Stanley | | P | 506 | 9 910 | 89 812 | 1 331 069 | 177.49 | 127.25 |
| OPGI/OHIM | | P | 42 107 | 98 104 | 2 557 510 | 7 638 883 | 60.74 | 58.72 |
| | | S | 1 644 | 17 625 | 4 831 | 231 981 | 2.94 | 4.60 |
| PG&E Ener. Trad | | P | 0 | 45 489 | 0 | 3 628 044 | 0.00 | 82.13 |
| Powerex Corp. | | P | 506 | 17 946 | 43 331 | 1 272 244 | 85.63 | 51.23 |
| Sempra Corp | | P | 3 457 | 6 532 | 295 112 | 500 940 | 85.37 | 98.31 |
| SPLIT ROCK | | P | 65 810 | 449 117 | 4 338 599 | 35 555 730 | 65.93 | 70.62 |
| **Subtotal Purchased Imports: Ontario** | | | **416 970** | **2 346 103** | **25 680 345** | **178 692 945** | **61.59** | **69.93** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$) [1] APR03 | Revenue (CAN$) [1] JAN03 - APR03 | CAN$/MW.h [2] APR03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Quebec** | | | | | | | | |
| Brascan | - | P | 131 | 144 363 | 5 681 | 12 249 667 | 43.36 | 79.98 |
| Hydro-Quebec | | P | 200 101 | 579 483 | 7 364 143 | 34 423 453 | 36.80 | 48.77 |
| MEHQ | | P | 38 671 | 117 043 | 3 379 910 | 15 734 242 | 87.40 | 163.48 |
| **Subtotal Purchased Imports: Quebec** | | | **238 903** | **840 889** | **10 749 734** | **62 407 362** | **45.00** | **63.00** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | | P | 31 749 | 282 627 | 1 213 977 | 14 505 895 | 38.24 | 38.47 |
| Powerex Corp. | | P | 147 | 147 | 3 356 | 3 356 | 22.83 | 22.83 |
| **Subtotal Purchased Imports: Saskatchewan** | | | **31 896** | **282 774** | **1 217 333** | **14 509 251** | **38.17** | **38.47** |
| **Total Purchased Imports:** | | | **1 784 829** | **7 529 511** | **81 970 918** | **452 246 909** | **45.93** | **55.35** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 3A
## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$)[1] APR03 | Revenue (CAN$)[1] JAN03 - APR03 | CAN$/MW.h[2] APR03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Alaska | British Columbia | 165 | 407 189 | 11 533 | 97 280 | 69.79 | 0.79 |
| **Subtotal Exports: Alaska** | | **165** | **407 189** | **11 533** | **97 280** | **69.79** | **0.79** |
| Arizona | British Columbia | 1 606 | 2 249 | 121 041 | 187 343 | 75.37 | 53.62 |
| **Subtotal Exports: Arizona** | | **1 606** | **2 249** | **121 041** | **187 343** | **75.37** | **53.62** |
| California | British Columbia | 42 676 | 83 586 | 2 074 231 | 4 580 984 | 48.60 | 39.15 |
| **Subtotal Exports: California** | | **42 676** | **83 586** | **2 074 231** | **4 580 984** | **48.60** | **39.15** |
| Colorado | British Columbia | 0 | 300 | 0 | 44 074 | 0.00 | 146.91 |
| **Subtotal Exports: Colorado** | | **0** | **300** | **0** | **44 074** | **0.00** | **146.91** |
| Idaho | British Columbia | 0 | 9 | 0 | 444 | 0.00 | 49.31 |
| **Subtotal Exports: Idaho** | | **0** | **9** | **0** | **444** | **0.00** | **49.31** |
| Maine | New Brunswick | 275 977 | 717 067 | 16 137 727 | 49 734 751 | 58.47 | 63.98 |
| | Nova Scotia | 2 135 | 2 335 | 96 729 | 145 803 | 45.31 | 62.44 |
| | Quebec | 68 500 | 353 295 | 3 142 130 | 22 798 446 | 45.87 | 56.35 |
| **Subtotal Exports: Maine** | | **346 612** | **1 072 697** | **19 376 586** | **72 678 999** | **55.90** | **62.03** |
| Massachusetts | Quebec | 0 | 43 940 | 0 | 4 577 824 | 0.00 | 94.39 |
| **Subtotal Exports: Massachusetts** | | **0** | **43 940** | **0** | **4 577 824** | **0.00** | **94.39** |
| Michigan | Ontario | 0 | 2 680 | 0 | 143 236 | 0.00 | 53.45 |
| **Subtotal Exports: Michigan** | | **0** | **2 680** | **0** | **143 236** | **0.00** | **53.45** |
| Minnesota | Ontario | 1 120 | 4 435 | 48 272 | 254 594 | 43.10 | 54.38 |
| **Subtotal Exports: Minnesota** | | **1 120** | **4 435** | **48 272** | **254 594** | **43.10** | **54.38** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

# TABLE 3A

## Export Sales Summary Report by Destination and Source

| Destination | Source | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$)[1] APR03 | Revenue (CAN$)[1] JAN03 - APR03 | CAN$/MW.h[2] APR03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Montana | British Columbia | 24 | 802 | 700 | 54 521 | 29.17 | 52.47 |
| **Subtotal Exports: Montana** | | **24** | **802** | **700** | **54 521** | **29.17** | **52.47** |
| ND/Minn | Manitoba | 506 042 | 1 975 859 | 27 626 193 | 109 255 318 | 54.59 | 53.31 |
| **Subtotal Exports: ND/Minn** | | **506 042** | **1 975 859** | **27 626 193** | **109 255 318** | **54.59** | **53.31** |
| Nebraska | Ontario | 0 | 1 | 0 | 77 | 0.00 | 76.75 |
| | Quebec | 17 763 | 17 763 | 1 231 820 | 1 231 820 | 69.35 | 69.35 |
| **Subtotal Exports: Nebraska** | | **17 763** | **17 764** | **1 231 820** | **1 231 897** | **69.35** | **69.35** |
| Nevada | British Columbia | 13 024 | 18 668 | 880 922 | 1 250 314 | 67.64 | 67.65 |
| **Subtotal Exports: Nevada** | | **13 024** | **18 668** | **880 922** | **1 250 314** | **67.64** | **67.65** |
| New Mexico | British Columbia | 713 | 8 680 | 43 805 | 806 881 | 61.44 | 77.06 |
| **Subtotal Exports: New Mexico** | | **713** | **8 680** | **43 805** | **806 881** | **61.44** | **77.06** |
| New York | Ontario | 171 821 | 745 918 | 9 428 171 | 46 329 467 | 54.69 | 50.36 |
| | Quebec | 772 932 | 3 557 121 | 63 614 283 | 312 925 838 | 78.79 | 67.46 |
| **Subtotal Exports: New York** | | **944 753** | **4 303 039** | **73 042 454** | **359 255 305** | **74.40** | **65.11** |
| North Dakota | Saskatchewan | 89 745 | 205 068 | 4 645 490 | 13 798 336 | 51.76 | 54.55 |
| **Subtotal Exports: North Dakota** | | **89 745** | **205 068** | **4 645 490** | **13 798 336** | **51.76** | **54.55** |
| Oregon | Alberta | 450 | 1 280 | 22 052 | 63 316 | 49.00 | 47.65 |
| | British Columbia | 222 524 | 565 886 | 10 284 462 | 32 040 285 | 46.22 | 47.67 |
| **Subtotal Exports: Oregon** | | **222 974** | **567 166** | **10 306 514** | **32 103 601** | **46.22** | **47.67** |
| Pennsylvania | Alberta | 6 | 14 | 593 | 1 306 | 98.89 | 93.26 |
| | Saskatchewan | 0 | 429 | 0 | 28 582 | 0.00 | 66.62 |
| **Subtotal Exports: Pennsylvania** | | **6** | **443** | **593** | **29 887** | **98.89** | **67.47** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

# TABLE 3A
## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$)[1] APR03 | Revenue (CAN$)[1] JAN03 - APR03 | CAN$/MW.h[2] APR03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Utah | British Columbia | 0 | 4 013 | 0 | 463 195 | 0.00 | 109.32 |
| **Subtotal Exports: Utah** | | **0** | **4 013** | **0** | **463 195** | **0.00** | **109.32** |
| Vermont | Quebec | 132 066 | 657 235 | 14 652 322 | 65 860 044 | 40.42 | 42.65 |
| **Subtotal Exports: Vermont** | | **132 066** | **657 235** | **14 652 322** | **65 860 044** | **40.42** | **42.65** |
| Virginia | British Columbia | 0 | 16 | 0 | 0 | 0.00 | 0.00 |
| **Subtotal Exports: Virginia** | | **0** | **16** | **0** | **0** | **0.00** | **0.00** |
| Washington | Alberta | 12 990 | 49 344 | 562 174 | 2 838 672 | 43.28 | 43.48 |
| | British Columbia | 94 402 | 1 261 750 | 3 165 406 | 70 798 205 | 33.53 | 40.82 |
| **Subtotal Exports: Washington** | | **107 392** | **1 311 094** | **3 727 580** | **73 636 877** | **34.71** | **40.89** |
| Wisconsin | British Columbia | 0 | 2 | 0 | 203 | 0.00 | 101.71 |
| **Subtotal Exports: Wisconsin** | | **0** | **2** | **0** | **203** | **0.00** | **101.71** |
| Wyoming | British Columbia | 335 | 16 840 | 19 748 | 1 675 623 | 58.95 | 83.59 |
| **Subtotal Exports: Wyoming** | | **335** | **16 840** | **19 748** | **1 675 623** | **58.95** | **83.59** |
| **Total Exports** | | **2 427 016** | **10 703 774** | **157 809 803** | **741 986 779** | **60.05** | **54.84** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

# TABLE 3B

## Import Purchases Summary Report by Source and Destination

| Source | Destination | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$)[1] APR03 | Revenue (CAN$)[1] JAN03 - APR03 | CAN$/MW.h[2] APR03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Illinois | Ontario | 8 599 | 133 410 | 653 875 | 12 989 920 | 76.04 | 80.92 |
| **Subtotal Imports: Illinois** | | **8 599** | **133 410** | **653 875** | **12 989 920** | **76.04** | **80.92** |
| Maine | New Brunswick | 2 023 | 11 684 | 69 211 | 1 502 838 | 34.21 | 125.73 |
| | Quebec | 38 671 | 117 043 | 3 379 910 | 15 734 242 | 87.40 | 163.48 |
| **Subtotal Imports: Maine** | | **40 694** | **128 727** | **3 449 121** | **17 237 089** | **84.76** | **162.03** |
| Massachusetts | Ontario | 367 | 2 433 | 68 669 | 401 725 | 187.11 | 165.12 |
| | Quebec | 0 | 40 800 | 0 | 4 077 796 | 0.00 | 99.95 |
| **Subtotal Imports: Massachusetts** | | **367** | **43 233** | **68 669** | **4 479 521** | **187.11** | **103.61** |
| Michigan | Ontario | 236 284 | 1 215 326 | 13 725 358 | 91 068 954 | 58.09 | 65.85 |
| **Subtotal Imports: Michigan** | | **236 284** | **1 215 326** | **13 725 358** | **91 068 954** | **58.09** | **65.85** |
| Minnesota | Alberta | 1 100 | 1 875 | 71 441 | 97 733 | 64.95 | 52.12 |
| | Ontario | 83 884 | 464 788 | 5 095 915 | 35 292 124 | 60.75 | 69.46 |
| **Subtotal Imports: Minnesota** | | **84 984** | **466 663** | **5 167 356** | **35 389 857** | **60.80** | **69.43** |
| Montana | Alberta | 0 | 25 | 0 | 2 269 | 0.00 | 90.76 |
| **Subtotal Imports: Montana** | | **0** | **25** | **0** | **2 269** | **0.00** | **90.76** |
| ND/Minn | Manitoba | 445 448 | 1 881 956 | 17 047 990 | 90 243 560 | 38.27 | 41.23 |
| **Subtotal Imports: ND/Minn** | | **445 448** | **1 881 956** | **17 047 990** | **90 243 560** | **38.27** | **41.23** |
| New York | Ontario | 87 330 | 474 877 | 6 093 198 | 34 883 780 | 69.77 | 80.18 |
| | Quebec | 200 232 | 683 046 | 7 369 824 | 42 595 324 | 36.81 | 50.54 |
| **Subtotal Imports: New York** | | **287 562** | **1 157 923** | **13 463 021** | **77 479 103** | **46.82** | **59.30** |
| North Dakota | Saskatchewan | 31 749 | 282 627 | 1 213 977 | 14 505 895 | 38.24 | 38.47 |
| **Subtotal Imports: North Dakota** | | **31 749** | **282 627** | **1 213 977** | **14 505 895** | **38.24** | **38.47** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3B

## Import Purchases Summary Report by Source and Destination



| Source | Destination | Energy (MW.h) APR03 | Energy (MW.h) JAN03 - APR03 | Revenue (CAN$)[1] APR03 | Revenue (CAN$)[1] JAN03 - APR03 | CAN$/MW.h[2] APR03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| **Oregon** | Alberta | 260 | 3 540 | 14 118 | 245 772 | 54.30 | 53.35 |
| | British Columbia | 0 | 15 | 0 | 2 000 | 0.00 | 133.33 |
| **Subtotal Imports: Oregon** | | **260** | **3 555** | **14 118** | **247 772** | **54.30** | **53.50** |
| **Pennsylvania** | Ontario | 506 | 55 269 | 43 331 | 4 056 443 | 85.63 | 61.61 |
| **Subtotal Imports: Pennsylvania** | | **506** | **55 269** | **43 331** | **4 056 443** | **85.63** | **61.61** |
| **Washington** | Alberta | 174 019 | 426 883 | 9 104 174 | 28 765 288 | 52.32 | 56.86 |
| | British Columbia | 474 210 | 1 733 767 | 18 016 572 | 75 777 891 | 37.99 | 37.73 |
| | Saskatchewan | 147 | 147 | 3 356 | 3 356 | 22.83 | 22.83 |
| **Subtotal Imports: Washington** | | **648 376** | **2 160 797** | **27 124 102** | **104 546 535** | **41.83** | **41.35** |
| **Total Imports** | | **1 784 829** | **7 529 511** | **81 970 918** | **452 246 909** | **45.93** | **55.35** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 4
## Source of Production Report [1]
## Canadian Exports



| | APR03 | | |
|---|---|---|---|
| Fuel Type | Energy (MW.h) | Revenue (CAN$) [2] | CAN$/MW.h [2] |
| Canadian Coal | 4 350 | 231 739 | 53.28 |
| Hydraulic | 1 376 013 | 91 657 661 | 66.61 |
| Imported Coal | 41 666 | 2 458 343 | 59.00 |
| Imported Oil | 45 394 | 2 725 953 | 60.05 |
| Natural Gas | 150 614 | 8 594 874 | 57.07 |
| Other | 533 689 | 26 088 284 | 48.88 |
| **Total** | **2 151 726** | **131 756 853** | **61.23** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | APR03 Energy (MW.h) | APR03 Revenue (CAN$) [2] | APR03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **BC Hydro** | Hydraulic | Permit 105 | 165 | 11 533 | 69.79 |
| | | Permit 192 | 719 | 0 | 0.00 |
| | | Treaty 0 | 1 560 | 0 | 0.00 |
| | | **Subtotal** | **2 444** | **11 533** | **4.72** |
| | **Subtotal** | | **2 444** | **11 533** | **4.72** |
| **Brascan** | Hydraulic | Permit 112 | 60 219 | 3 508 844 | 58.27 |
| | | **Subtotal** | **60 219** | **3 508 844** | **58.27** |
| | **Subtotal** | | **60 219** | **3 508 844** | **58.27** |
| **Cargill Trading** | Other | Permit 204 | 2 860 | 179 254 | 62.68 |
| | | **Subtotal** | **2 860** | **179 254** | **62.68** |
| | **Subtotal** | | **2 860** | **179 254** | **62.68** |
| **Conectiv Energy** | Other | Permit 212 | 3 000 | 154 893 | 51.63 |
| | | **Subtotal** | **3 000** | **154 893** | **51.63** |
| | **Subtotal** | | **3 000** | **154 893** | **51.63** |
| **Coral Energy** | Other | Permit 174 | 30 250 | 1 432 210 | 47.35 |
| | | **Subtotal** | **30 250** | **1 432 210** | **47.35** |
| | **Subtotal** | | **30 250** | **1 432 210** | **47.35** |
| **Enmax Marketing** | Canadian Coal | Permit 169 | 1 613 | 63 073 | 39.10 |
| | | **Subtotal** | **1 613** | **63 073** | **39.10** |
| | **Subtotal** | | **1 613** | **63 073** | **39.10** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | APR03 Energy (MW.h) | APR03 Revenue (CAN$) [2] | APR03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Hydro One Net** | Other | Permit 25 | 20 | 1 081 | 55.36 |
| | | **Subtotal** | **20** | **1 081** | **55.36** |
| | **Subtotal** | | **20** | **1 081** | **55.36** |
| **Hydro-Quebec** | Hydraulic | Licence 180 | 71 362 | 2 796 669 | 39.19 |
| | | Licence 181 | 13 680 | 536 118 | 39.19 |
| | | Licence 182 | 12 216 | 478 744 | 39.19 |
| | | Licence 183 | 16 857 | 660 624 | 39.19 |
| | | Licence 184 | 13 867 | 543 446 | 39.19 |
| | | Permit 64 | 757 110 | 60 095 742 | 79.38 |
| | | **Subtotal** | **885 092** | **65 111 344** | **73.56** |
| | **Subtotal** | | **885 092** | **65 111 344** | **73.56** |
| **Manitoba Hydro** | Hydraulic | Licence 170 | 207 615 | 10 360 452 | 49.90 |
| | | Permit 45 | 12 634 | 1 006 420 | 79.66 |
| | | Permit 46 | 98 043 | 5 181 490 | 52.85 |
| | | Permit 68 | 16 665 | 572 164 | 34.33 |
| | | Permit 144 | 13 118 | 1 188 284 | 90.58 |
| | | Permit 155 | 15 502 | 1 025 227 | 66.14 |
| | | Permit 207 | 26 599 | 1 966 607 | 73.94 |
| | | **Subtotal** | **390 176** | **21 300 644** | **54.59** |
| | Imported Coal | Licence 170 | 6 885 | 343 581 | 49.90 |
| | | Permit 45 | 419 | 33 376 | 79.66 |
| | | Permit 46 | 3 251 | 171 833 | 52.86 |
| | | Permit 68 | 553 | 18 975 | 34.31 |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | APR03 Energy (MW.h) | APR03 Revenue (CAN$) [2] | APR03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Manitoba Hydro** | Imported Coal | Permit 144 | 435 | 39 407 | 90.59 |
| | | Permit 155 | 514 | 33 999 | 66.15 |
| | | Permit 207 | 882 | 65 218 | 73.94 |
| | | **Subtotal** | **12 939** | **706 388** | **54.59** |
| | Other | Licence 170 | 54 522 | 2 720 780 | 49.90 |
| | | Permit 45 | 3 318 | 264 298 | 79.66 |
| | | Permit 46 | 25 747 | 1 360 722 | 52.85 |
| | | Permit 68 | 4 376 | 150 257 | 34.34 |
| | | Permit 144 | 3 445 | 312 058 | 90.58 |
| | | Permit 155 | 4 071 | 269 237 | 66.14 |
| | | Permit 207 | 6 985 | 516 455 | 73.94 |
| | | **Subtotal** | **102 464** | **5 593 807** | **54.59** |
| | **Subtotal** | | **505 579** | **27 600 840** | **54.59** |
| **NB Power** | Canadian Coal | Permit 47 | 248 | 17 410 | 70.24 |
| | | Permit 90 | 600 | 42 437 | 70.67 |
| | | Permit 91 | 1 888 | 108 819 | 57.62 |
| | | **Subtotal** | **2 737** | **168 666** | **61.63** |
| | Imported Coal | Permit 47 | 1 995 | 140 117 | 70.24 |
| | | Permit 90 | 5 475 | 386 947 | 70.67 |
| | | Permit 91 | 21 257 | 1 224 891 | 57.62 |
| | | **Subtotal** | **28 727** | **1 751 955** | **60.99** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | APR03 Energy (MW.h) | APR03 Revenue (CAN$) [2] | APR03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **NB Power** | Imported Oil | Permit 47 | 2 816 | 197 773 | 70.24 |
| | | Permit 90 | 5 720 | 404 230 | 70.67 |
| | | Permit 91 | 36 859 | 2 123 950 | 57.62 |
| | | **Subtotal** | **45 394** | **2 725 953** | **60.05** |
| | Natural Gas | Permit 47 | 983 | 69 027 | 70.24 |
| | | Permit 90 | 1 919 | 135 612 | 70.67 |
| | | Permit 91 | 8 279 | 477 096 | 57.62 |
| | | Permit 148 | 139 433 | 7 913 139 | 56.75 |
| | | **Subtotal** | **150 614** | **8 594 874** | **57.07** |
| | Other | Permit 47 | 187 | 13 108 | 70.24 |
| | | Permit 90 | 3 748 | 264 900 | 70.67 |
| | | Permit 91 | 2 071 | 119 343 | 57.62 |
| | | **Subtotal** | **6 006** | **397 351** | **66.16** |
| | **Subtotal** | | **233 478** | **13 638 799** | **58.42** |
| **Powerex Corp.** | Other | Permit 116 | 6 | 593 | 98.89 |
| | | Permit 118 | 337 222 | 14 865 018 | 44.08 |
| | | **Subtotal** | **337 228** | **14 865 611** | **44.08** |
| | **Subtotal** | | **337 228** | **14 865 611** | **44.08** |
| **SPLIT ROCK** | Other | Permit 221 | 51 861 | 3 464 077 | 66.80 |
| | | **Subtotal** | **51 861** | **3 464 077** | **66.80** |
| | **Subtotal** | | **51 861** | **3 464 077** | **66.80** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

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# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | APR03 Energy (MW.h) | APR03 Revenue (CAN$) [2] | APR03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| Teck Cominco | Hydraulic | Permit 132 | 38 082 | 1 725 296 | 45.30 |
| | | **Subtotal** | **38 082** | **1 725 296** | **45.30** |
| | **Subtotal** | | **38 082** | **1 725 296** | **45.30** |
| **Total All Exporters** | | | **2 151 726** | **131 756 853** | **61.23** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# MAY

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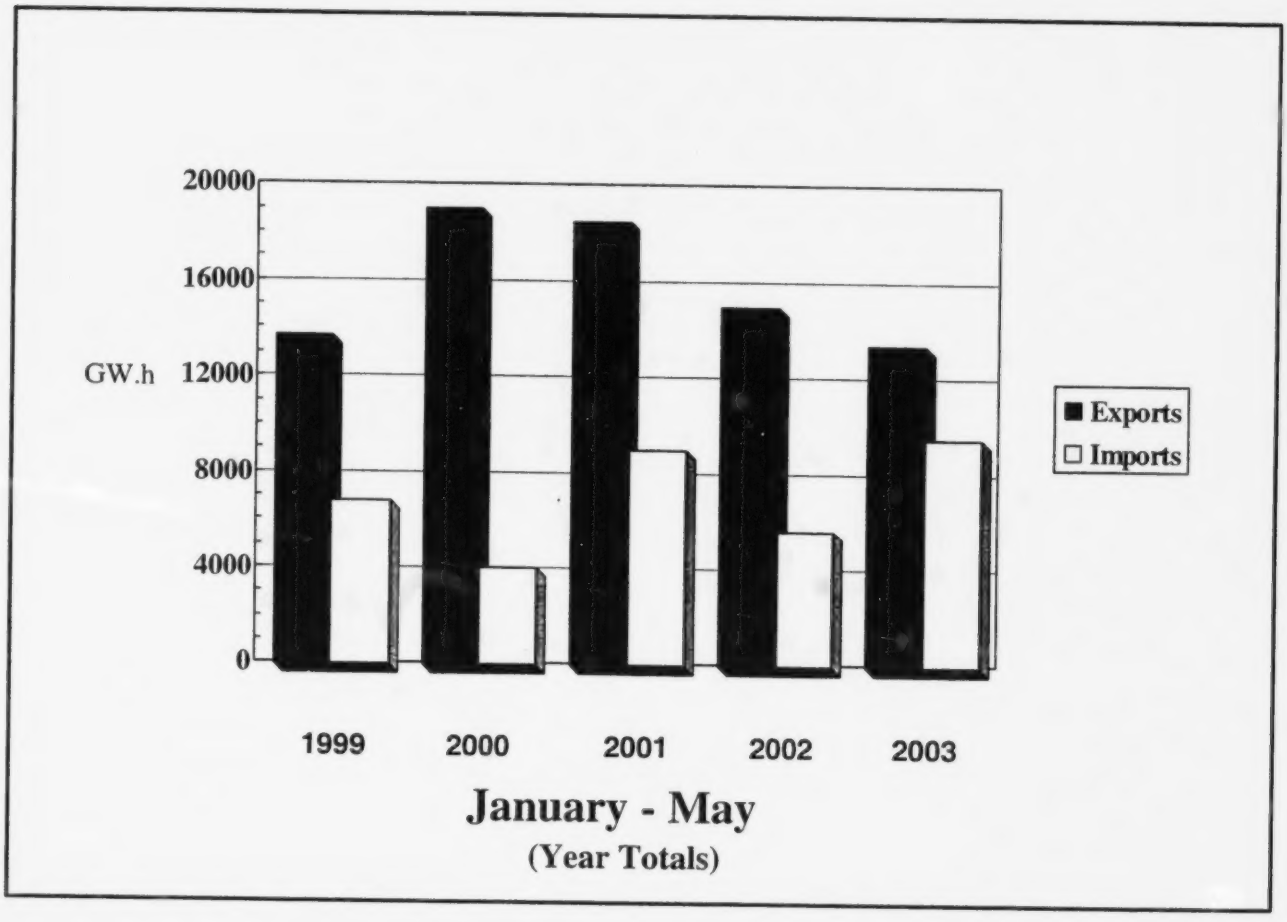
# Electricity Exports and Imports

## Monthly Statistics for

## **May 2003**

Exports: **2617** GW.h

Imports: **2093** GW.h




**January - May**

**(Year Totals)**

Canada

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# TABLE 1
# Exports and Imports of Electricity
# Summary: Canada
## MAY 2003



| | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|
| **Exports of Electric Energy** | Firm | 989 133 | 4 923 561 | 59 173 929 | 299 252 524 | 49.18 | 51.86 |
| | Interruptible | 1 628 252 | 8 493 437 | 90 945 154 | 599 919 221 | 54.61 | 56.76 |
| | Non-Revenue/Inadvertant | - 450 427 | -1 716 455 | 0 | 0 | 0.00 | 0.00 |
| | Service | 112 427 | 468 686 | 62 776 | 1 098 781 | 0.56 | 4.37 |
| **Total Exports** | | **2 279 385** | **12 169 229** | **150 181 860** | **900 270 526** | **60.38** | **59.87** |
| Total Sales - Firm and Interruptible | | 2 617 385 | 13 416 998 | 150 119 083 | 899 171 745 | 52.56 | 55.20 |
| **Imports of Electric Energy** | Non-Revenue/Inadvertant | - 496 076 | -1 953 319 | 0 | 0 | 0.00 | 0.00 |
| | Purchase | 2 092 601 | 9 530 859 | 73 781 869 | 524 248 392 | 35.26 | 53.59 |
| | Service | 112 427 | 468 686 | 20 639 | 252 620 | 0.18 | 0.49 |
| **Total Imports** | | **1 708 952** | **8 046 226** | **73 802 509** | **524 501 012** | **43.19** | **61.40** |
| **Excess of Exports Over Imports** | | **570 433** | **4 123 003** | **76 379 351** | **375 769 514** | | |

**Number of Export Licences:** 9

**Number of Export Permits/Orders:** 151

160

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

*For further information, contact:*

*Mary-Jane Sam*
*Statistical Research Officer,*
*Commodities Business Unit Agente*
*National Energy Board*
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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Teck Cominco | Permit 132 | F | 42 003 | 307 055 | 1 475 731 | 17 051 794 | 35.13 | 45.97 |
| **Subtotal Firm and Interruptible Exports: British Columbia** | | | **367 316** | **2 737 306** | **17 998 129** | **129 997 481** | **49.00** | **40.80** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | Licence 170 | F | 270 243 | 1 360 965 | 12 223 328 | 66 805 651 | 45.23 | 49.11 |
| | Permit 35 | F | 0 | 0 | 0 | 7 319 | 0.00 | 32.52 |
| | Permit 45 | F | 16 750 | 81 585 | 2 248 505 | 7 600 112 | 134.24 | 85.47 |
| | Permit 46 | I | 86 839 | 537 918 | 4 341 477 | 28 287 008 | 49.99 | 46.93 |
| | | N | 42 303 | 137 426 | 0 | 0 | 0.00 | 0.00 |
| | Permit 68 | F | 17 812 | 99 305 | 621 629 | 3 494 256 | 34.90 | 38.55 |
| | Permit 128 | F | 320 | 3 354 | 21 365 | 165 728 | 66.81 | 52.56 |
| | Permit 144 | F | 17 600 | 87 088 | 1 171 760 | 7 655 869 | 66.58 | 92.93 |
| | Permit 155 | F | 21 120 | 99 462 | 1 330 295 | 6 723 767 | 62.99 | 69.39 |
| | Permit 207 | F | 35 200 | 172 066 | 2 535 391 | 13 009 357 | 72.03 | 77.76 |
| **Subtotal Firm and Interruptible Exports: Manitoba** | | | **465 884** | **2 441 743** | **24 493 750** | **133 749 068** | **52.57** | **53.26** |
| **New Brunswick** | | | | | | | | |
| Fraser Inc. | Permit 225 | F | 26 490 | 127 335 | 1 840 245 | 8 999 892 | 69.47 | 70.68 |
| NB Power | Permit 47 | F | 6 233 | 34 655 | 566 766 | 2 455 571 | 90.93 | 67.01 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| NB Power | Permit 90 | F | 10 224 | 118 450 | 948 027 | 8 181 163 | 92.73 | 67.05 |
| | Permit 91 | I | 148 388 | 470 547 | 11 655 488 | 36 418 803 | 78.55 | 68.59 |
| | Permit 148 | F | 146 876 | 286 309 | 7 554 188 | 15 467 326 | 51.43 | 60.77 |
| WPS Power Dev. | Licence 177 | F | 17 601 | 35 583 | 735 718 | 1 512 427 | 41.80 | 29.14 |
| **Subtotal Firm and Interruptible Exports: New Brunswick** | | | **355 812** | **1 072 878** | **23 300 430** | **73 035 181** | **65.49** | **65.20** |
| **Nova Scotia** | | | | | | | | |
| Emera Energy | Permit 216 | I | 832 | 3 167 | 29 037 | 174 841 | 34.90 | 55.21 |
| **Subtotal Firm and Interruptible Exports: Nova Scotia** | | | **832** | **3 167** | **29 037** | **174 841** | **34.90** | **55.21** |
| **Ontario** | | | | | | | | |
| Brascan | Permit 112 | F | 105 923 | 136 645 | 4 631 661 | 6 454 968 | 43.73 | 47.24 |
| Cargill Canada | Permit 204 | F | 9 743 | 35 976 | 534 823 | 3 029 287 | 54.89 | 79.61 |
| Conectiv Energy | Permit 212 | I | 2 200 | 73 864 | 131 073 | 4 922 511 | 59.58 | 54.51 |
| Coral Energy | Permit 174 | F | 49 900 | 200 399 | 2 002 146 | 12 069 020 | 40.12 | 58.29 |
| D&W Subway | Permit 26 | F | 156 | 1 405 | 0 | 0 | 0.00 | 0.00 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| EPCOR Merchant | Permit 187 | F | 7 045 | 22 382 | 281 608 | 1 267 638 | 39.97 | 56.64 |
| Hydro One Net | Permit 25 | F | 0 | 20 | 0 | 1 081 | 0.00 | 52.34 |
| Ind Elc Mark Op | Permit 22 | N | - 216 148 | - 487 449 | 0 | 0 | 0.00 | 0.00 |
| Ont Power Gen | Permit 24 | F | 14 | 106 | 27 | 212 | 2.00 | 2.00 |
| OPGI/OHIM | Permit 21 | I | 182 230 | 539 864 | 8 365 435 | 28 235 764 | 45.77 | 46.63 |
| | | S | 2 562 | 20 187 | 62 776 | 1 098 781 | 24.50 | 40.40 |
| PG&E Ener. Trad | Permit 146 | F | 0 | 2 190 | 0 | 107 778 | 0.00 | 48.79 |
| Powerex Corp. | Permit 116 | I | 6 559 | 6 845 | 432 204 | 464 944 | 65.89 | 67.92 |
| Sempra Corp | Permit 157 | F | 4 395 | 22 604 | 240 678 | 1 374 420 | 54.76 | 56.40 |
| SPLIT ROCK | Permit 221 | F | 23 020 | 197 758 | 1 048 736 | 13 534 027 | 45.56 | 56.67 |
| TransAlta Ener | Permit 168 | F | 10 773 | 10 773 | 556 818 | 556 818 | 51.69 | 51.69 |
| **Subtotal Firm and Interruptible Exports: Ontario** | | | **401 957** | **1 250 830** | **18 225 210** | **72 018 466** | **45.28** | **51.31** |
| **Quebec** | | | | | | | | |
| Brascan | Permit 112 | F | 17 050 | 278 443 | 1 140 896 | 20 920 922 | 66.91 | 74.57 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Hydro-Quebec | Licence 180 | F | 74 904 | 434 520 | 7 822 632 | 44 104 506 | 37.20 | 41.07 |
| | Licence 181 | F | 12 090 | 74 316 | 1 256 741 | 7 252 616 | 37.20 | 41.08 |
| | Licence 182 | F | 11 568 | 67 496 | 1 156 624 | 6 551 355 | 37.20 | 41.06 |
| | Licence 183 | F | 19 771 | 117 856 | 2 086 314 | 11 885 239 | 37.20 | 41.08 |
| | Licence 184 | F | 13 226 | 76 978 | 1 412 907 | 7 964 754 | 37.20 | 41.07 |
| | Permit 20 | F | 0 | 562 | 0 | 38 931 | 0.00 | 70.74 |
| | Permit 64 | I | 637 327 | 4 011 824 | 40 172 962 | 340 926 276 | 59.90 | 69.02 |
| | Permit 65 | F | 0 | 0 | 1 683 622 | 1 683 622 | 0.00 | 0.00 |
| MEHQ | Permit 129 | I | 153 716 | 507 011 | 5 576 421 | 28 374 866 | 36.28 | 52.15 |
| **Subtotal Firm and Interruptible Exports: Quebec** | | | **939 652** | **5 569 006** | **62 309 117** | **469 703 088** | **52.99** | **63.85** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | Permit 88 | I | 82 556 | 287 624 | 3 635 613 | 17 433 949 | 44.04 | 54.04 |
| Powerex Corp. | Permit 116 | I | 1 | 430 | 0 | 28 582 | 0.00 | 66.47 |
| **Subtotal Firm and Interruptible Exports: Saskatchewan** | | | **82 557** | **288 054** | **3 635 613** | **17 462 531** | **44.04** | **54.05** |
| **Total Firm and Interruptible Exports:** | | | **2 617 385** | **13 416 998** | **150 119 083** | **899 171 745** | **52.56** | **55.20** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Cargill Canada | - | P | 2 826 | 4 701 | 208 009 | 305 742 | 73.61 | 65.04 |
| Coral Energy | | P | 0 | 2 905 | 0 | 206 088 | 0.00 | 70.94 |
| Enmax Marketing | | P | 12 404 | 80 834 | 445 103 | 4 748 008 | 35.88 | 50.67 |
| EPCOR Merchant | | P | 15 154 | 42 479 | 693 685 | 2 473 211 | 45.78 | 49.58 |
| TransAlta Ener | | P | 12 905 | 332 780 | 485 668 | 22 423 198 | 37.63 | 59.74 |
| TransCanada | | P | 3 124 | 17 942 | 114 125 | 1 107 493 | 36.53 | 47.63 |
| **Subtotal Purchased Imports: Alberta** | | | **46 413** | **481 641** | **1 946 591** | **31 263 741** | **41.94** | **56.07** |
| **British Columbia** | | | | | | | | |
| Aquila Networks | | P | 0 | 2 552 | 0 | 196 400 | 0.00 | 75.12 |
| BC Hydro | | N | - 283 074 | -1 500 244 | 0 | 0 | 0.00 | 0.00 |
| | | S | 109 865 | 448 499 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | | P | 814 217 | 2 459 162 | 25 700 354 | 96 402 214 | 31.56 | 36.14 |
| Teck Cominco | | P | 31 999 | 118 284 | 769 380 | 5 651 011 | 24.04 | 36.40 |
| **Subtotal Purchased Imports: British Columbia** | | | **846 216** | **2 579 998** | **26 469 734** | **102 249 625** | **31.28** | **36.20** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | - | P | 345 566 | 2 227 522 | 8 162 933 | 98 406 493 | 23.62 | 39.39 |
| **Subtotal Purchased Imports: Manitoba** | | | **345 566** | **2 227 522** | **8 162 933** | **98 406 493** | **23.62** | **39.39** |
| **New Brunswick** | | | | | | | | |
| NB Power | | P | 1 146 | 12 813 | 32 155 | 1 534 780 | 28.06 | 119.78 |
| WPS Power Dev. | | P | 5 | 21 | 188 | 401 | 41.80 | 13.18 |
| **Subtotal Purchased Imports: New Brunswick** | | | **1 151** | **12 834** | **32 343** | **1 535 181** | **28.11** | **117.47** |
| **Ontario** | | | | | | | | |
| Brascan | | P | 38 475 | 256 459 | 2 398 851 | 19 681 619 | 62.35 | 76.74 |
| Cargill Canada | | P | 61 929 | 343 508 | 2 556 404 | 24 235 387 | 41.28 | 63.44 |
| Consumers Energ | | P | 0 | 83 | 0 | 12 284 | 0.00 | 148.00 |
| Coral Energy | | P | 4 442 | 19 792 | 314 050 | 2 000 716 | 70.70 | 146.26 |
| D&W Subway | | P | 153 | 726 | 0 | 0 | 0.00 | 0.00 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Detroit Edison | - | P | 0 | 117 | 0 | 69 471 | 0.00 | 593.77 |
| DTE Energy Trad | | P | 0 | 973 684 | 0 | 72 712 967 | 0.00 | 70.69 |
| Dynegy | | P | 22 588 | 155 998 | 1 160 105 | 14 150 025 | 51.36 | 78.51 |
| EPCOR Merchant | | P | 0 | 2 067 | 0 | 346 502 | 0.00 | 138.17 |
| Ind Elc Mark Op | | N | - 213 002 | - 453 075 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | | P | 100 | 100 | 3 069 | 3 069 | 30.69 | 30.69 |
| Morgan Stanley | | P | 0 | 9 910 | 0 | 1 331 069 | 0.00 | 127.25 |
| OPGI/OHIM | | P | 201 845 | 299 949 | 10 083 641 | 17 722 524 | 49.96 | 56.78 |
| | | S | 2 562 | 20 187 | 20 639 | 252 620 | 8.06 | 4.68 |
| PG&E Ener. Trad | | P | 0 | 45 489 | 0 | 3 628 044 | 0.00 | 82.13 |
| Powerex Corp. | | P | 451 | 18 397 | 18 414 | 1 290 658 | 40.83 | 51.12 |
| Sempra Corp | | P | 760 | 7 292 | 40 428 | 541 368 | 53.19 | 94.69 |
| SPLIT ROCK | | P | 49 641 | 498 758 | 2 151 025 | 37 706 755 | 43.33 | 69.49 |
| **Subtotal Purchased Imports: Ontario** | | | **380 384** | **2 632 329** | **18 725 986** | **195 432 456** | **49.23** | **69.89** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$) [1] MAY03 | Revenue (CAN$) [1] JAN03 - MAY03 | CAN$/MW.h [2] MAY03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Quebec** | | | | | | | | |
| Brascan | - | P | 5 081 | 149 444 | 221 482 | 12 471 148 | 43.59 | 79.13 |
| Hydro-Quebec | | P | 415 019 | 994 502 | 15 904 812 | 50 328 265 | 38.32 | 48.53 |
| MEHQ | | P | 6 616 | 123 659 | 808 969 | 16 543 211 | 122.27 | 162.65 |
| **Subtotal Purchased Imports: Quebec** | | | **426 716** | **1 267 605** | **16 935 263** | **79 342 625** | **39.69** | **61.80** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | | P | 46 147 | 328 774 | 1 508 833 | 16 014 728 | 32.70 | 38.73 |
| Powerex Corp. | | P | 9 | 156 | 187 | 3 543 | 20.75 | 22.71 |
| **Subtotal Purchased Imports: Saskatchewan** | | | **46 156** | **328 930** | **1 509 020** | **16 018 271** | **32.69** | **38.73** |
| **Total Purchased Imports:** | | | **2 092 601** | **9 530 859** | **73 781 869** | **524 248 392** | **35.26** | **53.59** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$)[1] MAY03 | Revenue (CAN$)[1] JAN03 - MAY03 | CAN$/MW.h[2] MAY03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Alaska | British Columbia | 16 | 407 205 | 1 323 | 98 603 | 83.63 | 0.72 |
| **Subtotal Exports: Alaska** | | **16** | **407 205** | **1 323** | **98 603** | **83.63** | **0.72** |
| Arizona | British Columbia | 2 393 | 4 642 | 190 584 | 377 927 | 79.64 | 57.06 |
| **Subtotal Exports: Arizona** | | **2 393** | **4 642** | **190 584** | **377 927** | **79.64** | **57.06** |
| California | British Columbia | 27 034 | 110 620 | 1 826 985 | 6 407 969 | 67.58 | 38.65 |
| **Subtotal Exports: California** | | **27 034** | **110 620** | **1 826 985** | **6 407 969** | **67.58** | **38.65** |
| Colorado | British Columbia | 1 093 | 1 393 | 90 769 | 134 843 | 83.05 | 96.80 |
| **Subtotal Exports: Colorado** | | **1 093** | **1 393** | **90 769** | **134 843** | **83.05** | **96.80** |
| Idaho | British Columbia | 726 | 735 | 60 420 | 60 864 | 83.22 | 82.81 |
| **Subtotal Exports: Idaho** | | **726** | **735** | **60 420** | **60 864** | **83.22** | **82.81** |
| Maine | New Brunswick | 355 812 | 1 072 878 | 23 300 430 | 73 035 181 | 65.49 | 65.20 |
| | Nova Scotia | 832 | 3 167 | 29 037 | 174 841 | 34.90 | 55.21 |
| | Quebec | 153 716 | 507 011 | 5 576 421 | 28 374 866 | 36.28 | 52.15 |
| **Subtotal Exports: Maine** | | **510 360** | **1 583 056** | **28 905 888** | **101 584 888** | **56.64** | **61.78** |
| Massachusetts | Quebec | 0 | 43 940 | 0 | 4 577 824 | 0.00 | 94.39 |
| **Subtotal Exports: Massachusetts** | | **0** | **43 940** | **0** | **4 577 824** | **0.00** | **94.39** |
| Michigan | Ontario | 7 386 | 11 315 | 416 765 | 560 001 | 56.43 | 44.05 |
| **Subtotal Exports: Michigan** | | **7 386** | **11 315** | **416 765** | **560 001** | **56.43** | **44.05** |
| Minnesota | Ontario | 2 224 | 6 659 | 128 775 | 383 369 | 57.90 | 54.75 |
| **Subtotal Exports: Minnesota** | | **2 224** | **6 659** | **128 775** | **383 369** | **57.90** | **54.75** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3A
## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$)[1] MAY03 | Revenue (CAN$)[1] JAN03 - MAY03 | CAN$/MW.h[2] MAY03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Montana | British Columbia | 1 559 | 2 361 | 122 511 | 177 031 | 78.58 | 53.74 |
| **Subtotal Exports: Montana** | | **1 559** | **2 361** | **122 511** | **177 031** | **78.58** | **53.74** |
| ND/Minn | Manitoba | 465 884 | 2 441 743 | 24 493 750 | 133 749 068 | 52.57 | 53.26 |
| **Subtotal Exports: ND/Minn** | | **465 884** | **2 441 743** | **24 493 750** | **133 749 068** | **52.57** | **53.26** |
| Nebraska | Ontario | 0 | 1 | 0 | 77 | 0.00 | 76.75 |
| | Quebec | 8 326 | 26 089 | 600 638 | 1 832 458 | 72.14 | 70.24 |
| **Subtotal Exports: Nebraska** | | **8 326** | **26 090** | **600 638** | **1 832 535** | **72.14** | **70.24** |
| Nevada | British Columbia | 7 095 | 25 763 | 523 293 | 1 773 608 | 73.76 | 69.08 |
| **Subtotal Exports: Nevada** | | **7 095** | **25 763** | **523 293** | **1 773 608** | **73.76** | **69.08** |
| New Mexico | British Columbia | 2 738 | 11 418 | 197 913 | 1 004 795 | 72.28 | 76.50 |
| **Subtotal Exports: New Mexico** | | **2 738** | **11 418** | **197 913** | **1 004 795** | **72.28** | **76.50** |
| New York | Ontario | 385 789 | 1 226 296 | 17 247 466 | 70 642 816 | 44.64 | 51.27 |
| | Quebec | 642 105 | 4 199 226 | 42 129 550 | 355 055 387 | 59.88 | 68.96 |
| **Subtotal Exports: New York** | | **1 027 894** | **5 425 523** | **59 377 016** | **425 698 204** | **54.16** | **65.89** |
| North Dakota | Saskatchewan | 82 556 | 287 624 | 3 635 613 | 17 433 949 | 44.04 | 54.04 |
| **Subtotal Exports: North Dakota** | | **82 556** | **287 624** | **3 635 613** | **17 433 949** | **44.04** | **54.04** |
| Oregon | Alberta | 155 | 1 435 | 6 659 | 69 975 | 42.96 | 48.76 |
| | British Columbia | 212 987 | 778 873 | 11 710 905 | 43 751 190 | 54.98 | 48.57 |
| **Subtotal Exports: Oregon** | | **213 142** | **780 308** | **11 717 564** | **43 821 165** | **54.98** | **48.57** |
| Pennsylvania | Alberta | 0 | 14 | 0 | 1 306 | 0.00 | 93.26 |
| | Ontario | 6 559 | 6 559 | 432 204 | 432 204 | 65.89 | 65.89 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

# TABLE 3A

## Export Sales Summary Report by Destination and Source

| Destination | Source | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$)[1] MAY03 | Revenue (CAN$)[1] JAN03 - MAY03 | CAN$/MW.h[2] MAY03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Pennsylvania | Saskatchewan | 0 | 429 | 0 | 28 582 | 0.00 | 66.62 |
| **Subtotal Exports: Pennsylvania** | | **6 559** | **7 002** | **432 204** | **462 091** | **65.89** | **65.99** |
| Tennessee | Saskatchewan | 1 | 1 | 0 | 0 | 0.00 | 0.00 |
| **Subtotal Exports: Tennessee** | | **1** | **1** | **0** | **0** | **0.00** | **0.00** |
| Utah | British Columbia | 169 | 4 182 | 13 252 | 476 447 | 78.41 | 108.23 |
| **Subtotal Exports: Utah** | | **169** | **4 182** | **13 252** | **476 447** | **78.41** | **108.23** |
| Vermont | Quebec | 135 505 | 792 740 | 14 002 509 | 79 862 552 | 38.09 | 42.37 |
| **Subtotal Exports: Vermont** | | **135 505** | **792 740** | **14 002 509** | **79 862 552** | **38.09** | **42.37** |
| Virginia | British Columbia | 0 | 16 | 0 | 0 | 0.00 | 0.00 |
| **Subtotal Exports: Virginia** | | **0** | **16** | **0** | **0** | **0.00** | **0.00** |
| Washington | Alberta | 3 220 | 52 564 | 121 137 | 2 959 809 | 37.62 | 43.46 |
| | British Columbia | 109 943 | 1 371 693 | 3 131 098 | 73 929 303 | 28.48 | 40.86 |
| **Subtotal Exports: Washington** | | **113 163** | **1 424 257** | **3 252 235** | **76 889 112** | **28.74** | **40.94** |
| Wisconsin | British Columbia | 0 | 2 | 0 | 203 | 0.00 | 101.71 |
| **Subtotal Exports: Wisconsin** | | **0** | **2** | **0** | **203** | **0.00** | **101.71** |
| Wyoming | British Columbia | 1 563 | 18 403 | 129 076 | 1 804 699 | 82.58 | 83.55 |
| **Subtotal Exports: Wyoming** | | **1 563** | **18 403** | **129 076** | **1 804 699** | **82.58** | **83.55** |
| **Total Exports** | | **2 617 385** | **13 416 998** | **150 119 083** | **899 171 745** | **52.56** | **55.20** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

# TABLE 3B

## Import Purchases Summary Report by Source and Destination

| Source | Destination | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$)[1] MAY03 | Revenue (CAN$)[1] JAN03 - MAY03 | CAN$/MW.h[2] MAY03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Illinois | Ontario | 22 588 | 155 998 | 1 160 105 | 14 150 025 | 51.36 | 78.51 |
| **Subtotal Imports: Illinois** | | **22 588** | **155 998** | **1 160 105** | **14 150 025** | **51.36** | **78.51** |
| Maine | New Brunswick | 1 151 | 12 834 | 32 343 | 1 535 181 | 28.11 | 117.47 |
| | Quebec | 6 616 | 123 659 | 808 969 | 16 543 211 | 122.27 | 162.65 |
| **Subtotal Imports: Maine** | | **7 767** | **136 493** | **841 312** | **18 078 392** | **108.33** | **160.79** |
| Massachusetts | Ontario | 0 | 2 433 | 0 | 401 725 | 0.00 | 165.12 |
| | Quebec | 0 | 40 800 | 0 | 4 077 796 | 0.00 | 99.95 |
| **Subtotal Imports: Massachusetts** | | **0** | **43 233** | **0** | **4 479 521** | **0.00** | **103.61** |
| Michigan | Ontario | 205 978 | 1 421 877 | 10 207 398 | 101 276 351 | 49.56 | 64.78 |
| **Subtotal Imports: Michigan** | | **205 978** | **1 421 877** | **10 207 398** | **101 276 351** | **49.56** | **64.78** |
| Minnesota | Alberta | 2 826 | 4 701 | 208 009 | 305 742 | 73.61 | 65.04 |
| | Ontario | 104 613 | 569 401 | 4 336 718 | 39 628 842 | 41.45 | 66.86 |
| **Subtotal Imports: Minnesota** | | **107 439** | **574 102** | **4 544 727** | **39 934 584** | **42.30** | **66.85** |
| Montana | Alberta | 42 | 67 | 2 326 | 4 595 | 55.38 | 68.58 |
| **Subtotal Imports: Montana** | | **42** | **67** | **2 326** | **4 595** | **55.38** | **68.58** |
| ND/Minn | Manitoba | 345 566 | 2 227 522 | 8 162 933 | 98 406 493 | 23.62 | 39.39 |
| **Subtotal Imports: ND/Minn** | | **345 566** | **2 227 522** | **8 162 933** | **98 406 493** | **23.62** | **39.39** |
| New York | Ontario | 46 754 | 426 900 | 3 003 352 | 35 900 656 | 64.24 | 88.14 |
| | Quebec | 420 100 | 1 103 146 | 16 126 294 | 58 721 618 | 38.39 | 50.15 |
| **Subtotal Imports: New York** | | **466 854** | **1 530 046** | **19 129 645** | **94 622 274** | **40.98** | **60.05** |
| North Dakota | Saskatchewan | 46 147 | 328 774 | 1 508 833 | 16 014 728 | 32.70 | 38.73 |
| **Subtotal Imports: North Dakota** | | **46 147** | **328 774** | **1 508 833** | **16 014 728** | **32.70** | **38.73** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3B

## Import Purchases Summary Report by Source and Destination



| Source | Destination | Energy (MW.h) MAY03 | Energy (MW.h) JAN03 - MAY03 | Revenue (CAN$)[1] MAY03 | Revenue (CAN$)[1] JAN03 - MAY03 | CAN$/MW.h[2] MAY03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Oregon | Alberta | 480 | 4 020 | 20 234 | 266 006 | 42.15 | 54.04 |
| | British Columbia | 0 | 15 | 0 | 2 000 | 0.00 | 133.33 |
| **Subtotal Imports: Oregon** | | **480** | **4 035** | **20 234** | **268 006** | **42.15** | **54.19** |
| Pennsylvania | Ontario | 451 | 55 720 | 18 414 | 4 074 857 | 40.83 | 61.54 |
| **Subtotal Imports: Pennsylvania** | | **451** | **55 720** | **18 414** | **4 074 857** | **40.83** | **61.54** |
| Washington | Alberta | 43 065 | 472 853 | 1 716 022 | 30 687 398 | 39.85 | 56.03 |
| | British Columbia | 846 216 | 2 579 983 | 26 469 734 | 102 247 625 | 31.28 | 36.20 |
| | Saskatchewan | 9 | 156 | 187 | 3 543 | 20.75 | 22.71 |
| **Subtotal Imports: Washington** | | **889 290** | **3 052 992** | **28 185 943** | **132 938 566** | **31.69** | **39.36** |
| **Total Imports** | | **2 092 601** | **9 530 859** | **73 781 869** | **524 248 392** | **35.26** | **53.59** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 4
## Source of Production Report [1]
## Canadian Exports



| | MAY03 | | |
|---|---|---|---|
| Fuel Type | Energy (MW.h) | Revenue (CAN$) [2] | CAN$/MW.h [2] |
| Canadian Coal | 2 816 | 180 752 | 64.20 |
| Hydraulic | 1 313 539 | 70 091 359 | 53.36 |
| Imported Coal | 71 270 | 5 444 216 | 76.39 |
| Imported Oil | 76 435 | 6 143 597 | 80.38 |
| Natural Gas | 147 446 | 7 599 206 | 51.54 |
| Nuclear | 16 445 | 1 292 723 | 78.61 |
| Other | 504 357 | 25 467 490 | 50.49 |
| **Total** | **2 132 308** | **116 219 343** | **54.50** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | MAY03 Energy (MW.h) | MAY03 Revenue (CAN$) [2] | MAY03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **BC Hydro** | Hydraulic | Permit 105 | 16 | 1 323 | 83.64 |
| | | Permit 192 | 744 | 0 | 0.00 |
| | | Treaty 0 | 2 791 | 0 | 0.00 |
| | | **Subtotal** | **3 551** | **1 323** | **0.37** |
| | **Subtotal** | | **3 551** | **1 323** | **0.37** |
| **Brascan** | Hydraulic | Permit 112 | 122 973 | 5 772 557 | 46.94 |
| | | **Subtotal** | **122 973** | **5 772 557** | **46.94** |
| | **Subtotal** | | **122 973** | **5 772 557** | **46.94** |
| **Cargill Trading** | Other | Permit 204 | 9 768 | 539 434 | 55.22 |
| | | **Subtotal** | **9 768** | **539 434** | **55.22** |
| | **Subtotal** | | **9 768** | **539 434** | **55.22** |
| **Conectiv Energy** | Other | Permit 212 | 2 200 | 131 073 | 59.58 |
| | | **Subtotal** | **2 200** | **131 073** | **59.58** |
| | **Subtotal** | | **2 200** | **131 073** | **59.58** |
| **Coral Energy** | Other | Permit 174 | 49 900 | 2 002 146 | 40.12 |
| | | **Subtotal** | **49 900** | **2 002 146** | **40.12** |
| | **Subtotal** | | **49 900** | **2 002 146** | **40.12** |
| **Enmax Marketing** | Canadian Coal | Permit 169 | 865 | 27 532 | 31.83 |
| | | **Subtotal** | **865** | **27 532** | **31.83** |
| | **Subtotal** | | **865** | **27 532** | **31.83** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | MAY03 Energy (MW.h) | MAY03 Revenue (CAN$) [2] | MAY03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Hydro-Quebec** | Hydraulic | Licence 180 | 74 904 | 2 786 542 | 37.20 |
| | | Licence 181 | 12 090 | 449 766 | 37.20 |
| | | Licence 182 | 11 568 | 430 347 | 37.20 |
| | | Licence 183 | 19 771 | 735 511 | 37.20 |
| | | Licence 184 | 13 226 | 492 027 | 37.20 |
| | | Permit 64 | 637 327 | 38 176 484 | 59.90 |
| | | **Subtotal** | **768 886** | **43 070 678** | **56.02** |
| | **Subtotal** | | **768 886** | **43 070 678** | **56.02** |
| **Manitoba Hydro** | Hydraulic | Licence 170 | 218 327 | 9 875 141 | 45.23 |
| | | Permit 45 | 13 532 | 1 816 552 | 134.24 |
| | | Permit 46 | 70 157 | 3 507 449 | 49.99 |
| | | Permit 68 | 14 390 | 502 210 | 34.90 |
| | | Permit 144 | 14 219 | 946 657 | 66.58 |
| | | Permit 155 | 17 063 | 1 074 736 | 62.99 |
| | | Permit 207 | 28 438 | 2 048 324 | 72.03 |
| | | **Subtotal** | **376 126** | **19 771 068** | **52.57** |
| | Imported Coal | Licence 170 | 4 140 | 187 261 | 45.23 |
| | | Permit 45 | 257 | 34 447 | 134.04 |
| | | Permit 46 | 1 330 | 66 511 | 50.01 |
| | | Permit 68 | 273 | 9 523 | 34.88 |
| | | Permit 144 | 270 | 17 951 | 66.49 |
| | | Permit 155 | 324 | 20 380 | 62.90 |
| | | Permit 207 | 539 | 38 842 | 72.06 |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | MAY03 Energy (MW.h) | MAY03 Revenue (CAN$) [2] | MAY03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| | | **Subtotal** | **7 133** | **374 917** | **52.56** |
| **Manitoba Hydro** | Other | Licence 170 | 47 775 | 2 160 926 | 45.23 |
| | | Permit 45 | 2 961 | 397 507 | 134.25 |
| | | Permit 46 | 15 352 | 767 517 | 49.99 |
| | | Permit 68 | 3 149 | 109 896 | 34.90 |
| | | Permit 144 | 3 111 | 207 152 | 66.59 |
| | | Permit 155 | 3 734 | 235 179 | 62.98 |
| | | Permit 207 | 6 223 | 448 224 | 72.03 |
| | | **Subtotal** | **82 305** | **4 326 400** | **52.57** |
| | **Subtotal** | | **465 564** | **24 472 385** | **52.57** |
| **NB Power** | Canadian Coal | Permit 91 | 1 951 | 153 220 | 78.55 |
| | | **Subtotal** | **1 951** | **153 220** | **78.55** |
| | Imported Coal | Permit 47 | 1 151 | 104 697 | 90.93 |
| | | Permit 90 | 1 217 | 112 862 | 92.73 |
| | | Permit 91 | 61 768 | 4 851 741 | 78.55 |
| | | **Subtotal** | **64 137** | **5 069 299** | **79.04** |
| | Imported Oil | Permit 47 | 4 486 | 407 881 | 90.93 |
| | | Permit 90 | 5 945 | 551 250 | 92.73 |
| | | Permit 91 | 66 004 | 5 184 466 | 78.55 |
| | | **Subtotal** | **76 435** | **6 143 597** | **80.38** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | MAY03 Energy (MW.h) | MAY03 Revenue (CAN$) [2] | MAY03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **NB Power** | Natural Gas | Permit 47 | 10 | 914 | 90.93 |
| | | Permit 90 | 8 | 733 | 92.73 |
| | | Permit 91 | 552 | 43 372 | 78.55 |
| | | Permit 148 | 146 876 | 7 554 188 | 51.43 |
| | | **Subtotal** | **147 446** | **7 599 206** | **51.54** |
| | Nuclear | Permit 47 | 55 | 4 966 | 90.93 |
| | | Permit 90 | 22 | 2 082 | 92.73 |
| | | Permit 91 | 16 368 | 1 285 675 | 78.55 |
| | | **Subtotal** | **16 445** | **1 292 723** | **78.61** |
| | Other | Permit 47 | 531 | 48 308 | 90.93 |
| | | Permit 90 | 3 032 | 281 101 | 92.73 |
| | | Permit 91 | 1 744 | 137 013 | 78.55 |
| | | **Subtotal** | **5 307** | **466 423** | **87.89** |
| | **Subtotal** | | **311 721** | **20 724 468** | **66.48** |
| **Powerex Corp.** | Other | Permit 116 | 6 560 | 432 204 | 65.88 |
| | | Permit 118 | 325 297 | 16 521 074 | 50.79 |
| | | **Subtotal** | **331 857** | **16 953 278** | **51.09** |
| | **Subtotal** | | **331 857** | **16 953 278** | **51.09** |
| **SPLIT ROCK** | Other | Permit 221 | 23 020 | 1 048 736 | 45.56 |
| | | **Subtotal** | **23 020** | **1 048 736** | **45.56** |
| | **Subtotal** | | **23 020** | **1 048 736** | **45.56** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | MAY03 Energy (MW.h) | MAY03 Revenue (CAN$) [2] | MAY03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| Teck Cominco | Hydraulic | Permit 132 | 42 003 | 1 475 731 | 35.13 |
| | | **Subtotal** | **42 003** | **1 475 731** | **35.13** |
| | **Subtotal** | | **42 003** | **1 475 731** | **35.13** |
| **Total All Exporters** | | | **2 132 308** | **116 219 343** | **54.50** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# JUNE

# JUIN

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National Energy Board

Office national de l'énergie

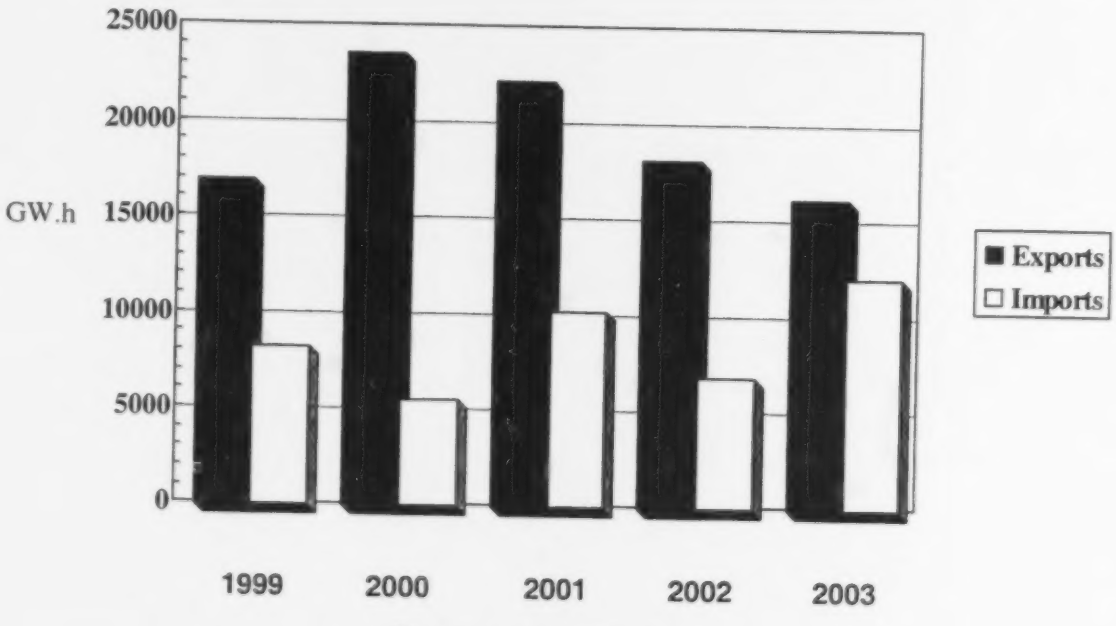
# Electricity Exports and Imports

## Monthly Statistics for

## June 2003

Exports: **2774** GW.h

Imports: **2350** GW.h




**January - June**

**(Year Totals)**

Canada

National Energy Board
Office national de l'énergie

# TABLE 1
# Exports and Imports of Electricity
# Summary: Canada
## JUNE 2003



| | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|
| **Exports of Electric Energy** | Firm | 1 138 396 | 6 061 957 | 66 188 606 | 365 441 130 | 49.11 | 51.52 |
| | Interruptible | 1 635 324 | 10 128 761 | 93 706 981 | 693 626 202 | 55.65 | 57.60 |
| | Non-Revenue/Inadvertant | - 522 601 | -2 237 306 | 0 | 0 | 0.00 | 0.00 |
| | Service | 126 168 | 594 854 | 166 432 | 1 265 213 | 1.32 | 4.59 |
| **Total Exports** | | **2 377 288** | **14 548 266** | **160 062 018** | **1 060 332 544** | **61.87** | **61.36** |
| Total Sales - Firm and Interruptible | | 2 773 721 | 16 190 719 | 159 895 587 | 1 059 067 332 | 52.97 | 55.56 |
| **Imports of Electric Energy** | Non-Revenue/Inadvertant | - 533 590 | -2 485 127 | 0 | 0 | 0.00 | 0.00 |
| | Purchase | 2 350 477 | 12 087 553 | 89 997 654 | 622 081 756 | 38.29 | 51.85 |
| | Service | 126 168 | 594 854 | 12 938 | 265 558 | 0.10 | 0.52 |
| **Total Imports** | | **1 943 055** | **10 197 280** | **90 010 592** | **622 347 314** | **46.32** | **60.79** |
| **Excess of Exports Over Imports** | | **434 233** | **4 350 986** | **70 051 426** | **437 985 230** | | |

**Number of Export Licences:** 9

**Number of Export Permits/Orders:** 151

160

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

*For further information, contact:*

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# TABLE 2A

## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Cargill Trading | Permit 204 | F | 50 | 75 | 558 | 5 169 | 11.16 | 68.92 |
| Enmax Marketing | Permit 169 | I | 1 557 | 13 062 | 60 211 | 724 016 | 38.67 | 43.30 |
| EPCOR Merchant | Permit 186 | I | 311 | 5 651 | 12 134 | 335 226 | 39.02 | 59.32 |
| Powerex Corp. | Permit 116 | I | 0 | 14 | 0 | 1 306 | 0.00 | 93.26 |
| TransAlta Ener | Permit 168 | F | 0 | 21 648 | 0 | 1 183 069 | 0.00 | 39.57 |
| TransCanada | Permit 78 | I | 4 925 | 19 363 | 227 666 | 1 044 058 | 46.23 | 50.64 |
| **Subtotal Firm and Interruptible Exports: Alberta** | | | **6 843** | **59 813** | **300 569** | **3 292 843** | **43.92** | **43.55** |
| **British Columbia** | | | | | | | | |
| BC Hydro | Permit 105 | F | 75 | 407 280 | 8 724 | 107 327 | 116.32 | 0.67 |
| | Permit 127 | N | - 355 065 | -1 994 963 | 0 | 0 | 0.00 | 0.00 |
| | | S | 121 449 | 569 948 | 0 | 0 | 0.00 | 0.00 |
| | Permit 192 | N | 2 557 | 133 884 | 0 | 0 | 0.00 | 0.00 |
| | Treaty | N | 2 929 | 146 917 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | Permit 118 | I | 486 089 | 2 509 135 | 28 911 371 | 141 758 455 | 59.48 | 44.49 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Teck Cominco | Permit 132 | F | 45 634 | 352 689 | 1 725 000 | 18 776 794 | 37.80 | 46.23 |
| TransAlta Ener | Permit 168 | F | 1 550 | 2 593 | 63 444 | 102 259 | 40.93 | 39.44 |
| **Subtotal Firm and Interruptible Exports: British Columbia** | | | **533 348** | **3 271 697** | **30 708 539** | **160 744 835** | **57.58** | **42.46** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | Licence 170 | F | 219 718 | 1 580 683 | 9 711 065 | 76 516 717 | 44.20 | 48.42 |
| | Permit 33 | F | 29 240 | 29 240 | 1 228 498 | 1 228 498 | 42.01 | 33.93 |
| | Permit 34 | F | 22 190 | 22 190 | 932 297 | 932 297 | 42.01 | 41.05 |
| | Permit 35 | F | 15 015 | 15 015 | 724 957 | 732 276 | 48.28 | 35.46 |
| | Permit 45 | F | 86 363 | 167 948 | 5 217 191 | 12 817 303 | 60.41 | 80.73 |
| | Permit 46 | I | 9 337 | 547 255 | 709 470 | 28 996 478 | 75.98 | 47.90 |
| | | N | 10 608 | 148 034 | 0 | 0 | 0.00 | 0.00 |
| | Permit 68 | F | 15 874 | 115 179 | 601 444 | 4 095 699 | 37.89 | 38.06 |
| | Permit 128 | F | 300 | 3 654 | 20 798 | 186 526 | 69.41 | 53.04 |
| | Permit 144 | F | 16 630 | 103 718 | 1 104 282 | 8 760 151 | 66.40 | 91.42 |
| | Permit 155 | F | 19 120 | 118 582 | 1 228 053 | 7 951 819 | 64.23 | 69.57 |
| | Permit 207 | F | 33 600 | 205 666 | 2 428 592 | 15 437 949 | 72.28 | 77.86 |
| **Subtotal Firm and Interruptible Exports: Manitoba** | | | **467 387** | **2 909 130** | **23 906 647** | **157 655 714** | **51.15** | **53.11** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **New Brunswick** | | | | | | | | |
| Fraser Inc. | Permit 225 | F | 36 105 | 163 440 | 2 277 728 | 11 277 620 | 63.09 | 69.00 |
| NB Power | Permit 47 | F | 6 226 | 40 881 | 399 139 | 2 854 709 | 64.11 | 66.75 |
| | Permit 90 | F | 18 524 | 136 974 | 1 353 669 | 9 534 832 | 73.08 | 67.50 |
| | Permit 91 | I | 154 388 | 624 935 | 9 086 993 | 45 505 795 | 58.86 | 68.56 |
| | Permit 148 | F | 168 637 | 454 946 | 9 070 679 | 24 538 005 | 53.79 | 60.38 |
| WPS Power Dev. | Licence 177 | F | 12 417 | 48 000 | 519 043 | 2 031 470 | 41.80 | 32.75 |
| **Subtotal Firm and Interruptible Exports: New Brunswick** | | | **396 297** | **1 469 176** | **22 707 251** | **95 742 432** | **57.30** | **64.98** |
| **Nova Scotia** | | | | | | | | |
| Emera Energy | Permit 216 | I | 0 | 3 167 | 0 | 174 841 | 0.00 | 55.21 |
| **Subtotal Firm and Interruptible Exports: Nova Scotia** | | | **0** | **3 167** | **0** | **174 841** | **0.00** | **55.21** |
| **Ontario** | | | | | | | | |
| Brascan | Permit 112 | F | 133 251 | 269 896 | 5 860 800 | 12 315 768 | 43.98 | 45.63 |
| Cargill Canada | Permit 204 | F | 0 | 26 233 | 0 | 2 494 464 | 0.00 | 87.87 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Cargill Trading | Permit 204 | F | 13 929 | 23 672 | 567 783 | 1 102 606 | 40.76 | 46.58 |
| Conectiv Energy | Permit 212 | I | 5 037 | 78 901 | 162 041 | 5 084 552 | 32.17 | 53.77 |
| Constellation | Permit 138 | I | 250 | 250 | 36 620 | 36 620 | 146.48 | 146.48 |
| Coral Energy | Permit 174 | F | 12 409 | 212 808 | 619 056 | 12 688 076 | 49.89 | 58.71 |
| D&W Subway | Permit 26 | F | 0 | 1 405 | 0 | 0 | 0.00 | 0.00 |
| EPCOR Merchant | Permit 187 | F | 4 002 | 26 384 | 189 310 | 1 456 948 | 47.30 | 55.24 |
| Hydro One Net | Permit 25 | F | 0 | 20 | 0 | 1 081 | 0.00 | 52.34 |
| Ind Elc Mark Op | Permit 22 | N | - 183 630 | - 671 178 | 0 | 0 | 0.00 | 0.00 |
| Ont Power Gen | Permit 24 | F | 14 | 120 | 27 | 239 | 2.00 | 2.00 |
| OPGI/OHIM | Permit 21 | I | 153 874 | 693 738 | 7 274 722 | 35 510 485 | 47.12 | 47.77 |
| | | S | 4 719 | 24 906 | 166 432 | 1 265 213 | 35.27 | 40.20 |
| PG&E Ener. Trad | Permit 146 | F | 0 | 2 190 | 0 | 107 778 | 0.00 | 55.43 |
| Powerex Corp. | Permit 116 | I | 2 517 | 9 362 | 148 477 | 613 420 | 58.99 | 65.52 |
| Sempra Corp | Permit 157 | F | 5 400 | 28 004 | 221 402 | 1 595 822 | 41.00 | 54.37 |
| SPLIT ROCK | Permit 221 | F | 30 409 | 228 167 | 1 476 488 | 15 010 515 | 48.55 | 56.03 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type

| Source | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| TransAlta Ener | Permit 168 | F | 4 461 | 15 234 | 465 168 | 1 021 986 | 104.27 | 67.09 |
| **Subtotal Firm and Interruptible Exports: Ontario** | | | **365 553** | **1 616 383** | **17 021 893** | **89 040 360** | **46.50** | **51.38** |
| **Quebec** | | | | | | | | |
| Brascan | Permit 112 | F | 43 826 | 322 269 | 2 675 677 | 23 596 599 | 61.05 | 73.37 |
| Hydro-Quebec | Licence 180 | F | 80 805 | 515 325 | 7 855 118 | 51 959 623 | 36.34 | 40.71 |
| | Licence 181 | F | 13 719 | 88 035 | 1 286 704 | 8 539 320 | 36.34 | 40.73 |
| | Licence 182 | F | 12 456 | 79 952 | 1 161 990 | 7 713 346 | 36.34 | 40.69 |
| | Licence 183 | F | 22 038 | 139 894 | 2 120 166 | 14 005 405 | 36.34 | 40.71 |
| | Licence 184 | F | 14 236 | 91 214 | 1 416 746 | 9 381 500 | 36.34 | 40.70 |
| | Permit 20 | F | 174 | 736 | 12 546 | 51 476 | 72.18 | 70.91 |
| | Permit 64 | I | 605 910 | 4 617 734 | 38 017 202 | 378 943 478 | 59.43 | 70.72 |
| | Permit 65 | F | 0 | 0 | 1 644 465 | 3 328 086 | 0.00 | 0.00 |
| MEHQ | Permit 129 | I | 132 502 | 639 513 | 4 717 318 | 33 092 184 | 35.60 | 49.38 |
| **Subtotal Firm and Interruptible Exports: Quebec** | | | **925 666** | **6 494 672** | **60 907 931** | **530 611 019** | **52.52** | **64.39** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | Permit 88 | I | 78 627 | 366 251 | 4 342 757 | 21 776 706 | 46.76 | 54.43 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2A
## Export Summary Report
## by Source, Authorization and Exchange Type



| Source | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Powerex Corp. | Permit 116 | I | 0 | 430 | 0 | 28 582 | 0.00 | 66.47 |
| **Subtotal Firm and Interruptible Exports: Saskatchewan** | | | **78 627** | **366 681** | **4 342 757** | **21 805 288** | **46.76** | **54.44** |
| **Total Firm and Interruptible Exports:** | | | **2 773 721** | **16 190 719** | **159 895 587** | **1 059 067 332** | **52.97** | **55.56** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| **Alberta** | | | | | | | | |
| Cargill Canada | - | P | 0 | 1 875 | 0 | 97 733 | 0.00 | 52.12 |
| Cargill Trading | | P | 609 | 3 435 | 35 665 | 243 674 | 58.56 | 70.94 |
| Coral Energy | | P | 0 | 2 905 | 0 | 206 088 | 0.00 | 70.94 |
| Enmax Marketing | | P | 10 460 | 91 294 | 482 231 | 5 230 239 | 46.10 | 51.74 |
| EPCOR Merchant | | P | 14 702 | 57 181 | 669 817 | 3 143 028 | 45.56 | 49.02 |
| TransAlta Ener | | P | 0 | 319 875 | 0 | 21 937 530 | 0.00 | 60.44 |
| TransCanada | | P | 3 450 | 21 392 | 165 993 | 1 273 486 | 48.11 | 49.80 |
| **Subtotal Purchased Imports: Alberta** | | | **29 221** | **497 957** | **1 353 705** | **32 131 778** | **46.33** | **56.48** |
| **British Columbia** | | | | | | | | |
| Aquila Networks | | P | 0 | 2 552 | 0 | 196 400 | 0.00 | 75.12 |
| BC Hydro | | N | - 356 594 | -1 855 056 | 0 | 0 | 0.00 | 0.00 |
| | | S | 121 449 | 569 948 | 0 | 0 | 0.00 | 0.00 |
| Powerex Corp. | | P | 555 883 | 3 015 045 | 16 210 924 | 112 613 138 | 29.16 | 35.12 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Teck Cominco | - | P | 37 222 | 155 506 | 1 127 110 | 6 778 122 | 30.28 | 37.72 |
| TransAlta Ener | | P | 315 | 617 | 16 908 | 24 625 | 53.68 | 39.91 |
| **Subtotal Purchased Imports: British Columbia** | | | **593 420** | **3 173 720** | **17 354 943** | **119 612 285** | **29.25** | **35.35** |
| **Manitoba** | | | | | | | | |
| Manitoba Hydro | | P | 571 167 | 2 798 689 | 18 696 303 | 117 102 796 | 32.73 | 38.03 |
| **Subtotal Purchased Imports: Manitoba** | | | **571 167** | **2 798 689** | **18 696 303** | **117 102 796** | **32.73** | **38.03** |
| **New Brunswick** | | | | | | | | |
| NB Power | | P | 139 | 12 952 | 2 643 | 1 537 423 | 19.01 | 118.70 |
| WPS Power Dev | | P | 0 | 21 | 4 | 405 | 41.80 | 13.22 |
| **Subtotal Purchased Imports: New Brunswick** | | | **139** | **12 973** | **2 647** | **1 537 828** | **19.03** | **116.59** |
| **Ontario** | | | | | | | | |
| Brascan | | P | 48 957 | 305 416 | 3 292 385 | 22 974 004 | 67.25 | 75.22 |
| Cargill Canada | | P | 0 | 281 579 | 0 | 21 678 983 | 0.00 | 66.11 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 2B
## Import Summary Report
## by Destination, Authorization and Exchange Type



| Destination | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Cargill Trading | - | P | 85 896 | 147 825 | 3 955 892 | 6 512 296 | 46.05 | 44.05 |
| Consumers Energ | | P | 0 | 83 | 0 | 12 284 | 0.00 | 148.00 |
| Coral Energy | | P | 12 963 | 32 755 | 1 517 644 | 3 518 360 | 117.08 | 139.59 |
| D&W Subway | | P | 0 | 726 | 0 | 0 | 0.00 | 0.00 |
| Detroit Edison | | P | 0 | 117 | 0 | 69 471 | 0.00 | 593.77 |
| DTE Energy Trad | | P | 226 204 | 1 406 105 | 9 526 152 | 90 074 829 | 42.11 | 65.11 |
| Dynegy | | P | 1 309 | 157 307 | 61 580 | 14 211 605 | 47.04 | 78.36 |
| EPCOR Merchant | | P | 320 | 2 387 | 53 971 | 400 473 | 168.66 | 140.30 |
| Ind Elc Mark Op | | N | - 176 996 | - 630 071 | 0 | 0 | 0.00 | 0.00 |
| Mirant Americas | | P | 0 | 100 | 0 | 3 069 | 0.00 | 30.69 |
| Morgan Stanley | | P | 3 598 | 13 508 | 387 002 | 1 718 071 | 107.56 | 123.42 |
| OPGI/OHIM | | P | 189 209 | 489 158 | 7 650 598 | 25 373 122 | 40.43 | 53.93 |
| | | S | 4 719 | 24 906 | 12 938 | 265 558 | 2.74 | 4.60 |
| PG&E Ener. Trad | | P | 0 | 45 489 | 0 | 3 628 044 | 0.00 | 82.15 |
| Powerex Corp. | | P | 5 256 | 23 653 | 195 541 | 1 486 198 | 37.20 | 49.54 |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

# TABLE 2B

## Import Summary Report
## by Destination, Authorization and Exchange Type

| Destination | Authorization | Exchange Type | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$) [1] JUN03 | Revenue (CAN$) [1] JAN03 - JUN03 | CAN$/MW.h [2] JUN03 | CAN$/MW.h [2] L12M |
|---|---|---|---|---|---|---|---|---|
| Sempra Corp | - | P | 338 | 7 630 | 31 120 | 572 487 | 92.07 | 94.60 |
| SPLIT ROCK | | P | 66 771 | 565 529 | 2 791 783 | 40 498 538 | 41.81 | 68.03 |
| TransAlta Ener | | P | 3 865 | 16 468 | 252 149 | 730 100 | 65.24 | 44.33 |
| **Subtotal Purchased Imports: Ontario** | | | **644 686** | **3 495 835** | **29 715 816** | **233 461 934** | **46.09** | **66.44** |
| **Quebec** | | | | | | | | |
| Brascan | | P | 0 | 149 444 | 0 | 12 471 148 | 0.00 | 79.13 |
| Hydro-Quebec | | P | 441 432 | 1 435 934 | 18 392 691 | 68 720 956 | 41.67 | 48.27 |
| MEHQ | | P | 14 400 | 138 059 | 2 533 927 | 19 077 138 | 175.97 | 168.47 |
| **Subtotal Purchased Imports: Quebec** | | | **455 832** | **1 723 437** | **20 926 618** | **100 269 243** | **45.91** | **60.90** |
| **Saskatchewan** | | | | | | | | |
| Northpoint | | P | 56 012 | 384 786 | 1 947 622 | 17 962 350 | 34.77 | 38.93 |
| Powerex Corp | | P | 0 | 156 | 0 | 3 543 | 0.00 | 22.71 |
| **Subtotal Purchased Imports: Saskatchewan** | | | **56 012** | **384 942** | **1 947 622** | **17 965 893** | **34.77** | **38.92** |
| **Total Purchased Imports:** | | | **2 350 477** | **12 087 553** | **89 997 654** | **622 081 756** | **38.29** | **51.85** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

F - Firm Sales
I - Interruptible Sales
P - Purchase (Import)
N - Non-Revenue (Non-Revenue or Inadvertent)
S - Service (Spinning Reserve, Storage, Unit Rental, Transmission, etc.)

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# TABLE 3A
## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$)[1] JUN03 | Revenue (CAN$)[1] JAN03 - JUN03 | CAN$/MW.h[2] JUN03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Alaska | British Columbia | 75 | 407 280 | 8 724 | 107 327 | 116.32 | 0.67 |
| **Subtotal Exports: Alaska** | | **75** | **407 280** | **8 724** | **107 327** | **116.32** | **0.67** |
| Arizona | British Columbia | 5 595 | 10 237 | 318 584 | 696 511 | 56.94 | 57.03 |
| **Subtotal Exports: Arizona** | | **5 595** | **10 237** | **318 584** | **696 511** | **56.94** | **57.03** |
| California | British Columbia | 12 802 | 123 422 | 897 317 | 7 305 286 | 70.09 | 40.37 |
| **Subtotal Exports: California** | | **12 802** | **123 422** | **897 317** | **7 305 286** | **70.09** | **40.37** |
| Colorado | British Columbia | 647 | 2 040 | 47 280 | 182 122 | 73.08 | 89.28 |
| **Subtotal Exports: Colorado** | | **647** | **2 040** | **47 280** | **182 122** | **73.08** | **89.28** |
| Idaho | British Columbia | 50 | 785 | 5 745 | 66 608 | 114.89 | 84.85 |
| **Subtotal Exports: Idaho** | | **50** | **785** | **5 745** | **66 608** | **114.89** | **84.85** |
| Iowa | Ontario | 0 | 10 715 | 0 | 554 947 | 0.00 | 51.79 |
| **Subtotal Exports: Iowa** | | **0** | **10 715** | **0** | **554 947** | **0.00** | **51.79** |
| Maine | New Brunswick | 396 297 | 1 469 176 | 22 707 251 | 95 742 432 | 57.30 | 64.98 |
| | Nova Scotia | 0 | 3 167 | 0 | 174 841 | 0.00 | 55.21 |
| | Quebec | 132 502 | 639 513 | 4 717 318 | 33 092 184 | 35.60 | 49.38 |
| **Subtotal Exports: Maine** | | **528 799** | **2 111 856** | **27 424 569** | **129 009 457** | **51.86** | **60.92** |
| Massachusetts | Quebec | 0 | 43 940 | 0 | 4 577 824 | 0.00 | 94.39 |
| **Subtotal Exports: Massachusetts** | | **0** | **43 940** | **0** | **4 577 824** | **0.00** | **94.39** |
| Michigan | Ontario | 17 294 | 28 667 | 950 268 | 1 512 140 | 54.95 | 50.51 |
| **Subtotal Exports: Michigan** | | **17 294** | **28 667** | **950 268** | **1 512 140** | **54.95** | **50.51** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$)[1] JUN03 | Revenue (CAN$)[1] JAN03 - JUN03 | CAN$/MW.h[2] JUN03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Minnesota | Ontario | 11 441 | 18 100 | 493 573 | 876 942 | 43.14 | 50.69 |
| **Subtotal Exports: Minnesota** | | **11 441** | **18 100** | **493 573** | **876 942** | **43.14** | **50.69** |
| Montana | British Columbia | 417 | 2 778 | 28 893 | 205 924 | 69.29 | 53.94 |
| **Subtotal Exports: Montana** | | **417** | **2 778** | **28 893** | **205 924** | **69.29** | **53.94** |
| ND/Minn | Manitoba | 467 387 | 2 909 130 | 23 906 647 | 157 655 714 | 51.15 | 53.11 |
| **Subtotal Exports: ND/Minn** | | **467 387** | **2 909 130** | **23 906 647** | **157 655 714** | **51.15** | **53.11** |
| Nebraska | Ontario | 0 | 1 | 0 | 77 | 0.00 | 76.75 |
| | Quebec | 27 533 | 53 622 | 1 849 072 | 3 681 530 | 67.16 | 68.66 |
| **Subtotal Exports: Nebraska** | | **27 533** | **53 623** | **1 849 072** | **3 681 607** | **67.16** | **68.66** |
| Nevada | British Columbia | 12 274 | 38 037 | 892 680 | 2 666 288 | 72.73 | 70.21 |
| **Subtotal Exports: Nevada** | | **12 274** | **38 037** | **892 680** | **2 666 288** | **72.73** | **70.21** |
| New Mexico | British Columbia | 351 | 11 769 | 23 792 | 1 028 587 | 67.78 | 76.37 |
| **Subtotal Exports: New Mexico** | | **351** | **11 769** | **23 792** | **1 028 587** | **67.78** | **76.37** |
| New York | Ontario | 333 999 | 1 549 522 | 15 400 598 | 85 486 596 | 46.04 | 51.34 |
| | Quebec | 617 897 | 4 817 123 | 40 206 999 | 395 262 386 | 59.16 | 70.54 |
| **Subtotal Exports: New York** | | **951 895** | **6 366 645** | **55 607 596** | **480 748 982** | **54.56** | **66.73** |
| North Dakota | Saskatchewan | 78 627 | 366 251 | 4 342 757 | 21 776 706 | 46.76 | 54.43 |
| **Subtotal Exports: North Dakota** | | **78 627** | **366 251** | **4 342 757** | **21 776 706** | **46.76** | **54.43** |
| Ohio | Ontario | 302 | 302 | 28 978 | 28 978 | 95.95 | 95.95 |
| **Subtotal Exports: Ohio** | | **302** | **302** | **28 978** | **28 978** | **95.95** | **95.95** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3A

## Export Sales Summary Report by Destination and Source



| Destination | Source | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$)[1] JUN03 | Revenue (CAN$)[1] JAN03 - JUN03 | CAN$/MW.h[2] JUN03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Oregon | Alberta | 342 | 1 777 | 15 458 | 85 433 | 45.20 | 48.08 |
| | British Columbia | 375 919 | 1 154 792 | 24 310 696 | 68 061 885 | 64.67 | 51.35 |
| **Subtotal Exports: Oregon** | | **376 261** | **1 156 569** | **24 326 154** | **68 147 318** | **64.65** | **51.34** |
| Pennsylvania | Alberta | 0 | 14 | 0 | 1 306 | 0.00 | 93.26 |
| | Ontario | 2 517 | 9 076 | 148 477 | 580 680 | 58.99 | 63.98 |
| | Saskatchewan | 0 | 429 | 0 | 28 582 | 0.00 | 66.62 |
| **Subtotal Exports: Pennsylvania** | | **2 517** | **9 519** | **148 477** | **610 568** | **58.99** | **64.14** |
| Tennessee | Saskatchewan | 0 | 1 | 0 | 0 | 0.00 | 0.00 |
| **Subtotal Exports: Tennessee** | | **0** | **1** | **0** | **0** | **0.00** | **0.00** |
| Utah | British Columbia | 0 | 4 182 | 0 | 476 447 | 0.00 | 108.23 |
| **Subtotal Exports: Utah** | | **0** | **4 182** | **0** | **476 447** | **0.00** | **108.23** |
| Vermont | Quebec | 147 734 | 940 474 | 14 134 543 | 93 997 095 | 37.22 | 42.08 |
| **Subtotal Exports: Vermont** | | **147 734** | **940 474** | **14 134 543** | **93 997 095** | **37.22** | **42.08** |
| Virginia | British Columbia | 0 | 16 | 0 | 0 | 0.00 | 0.00 |
| **Subtotal Exports: Virginia** | | **0** | **16** | **0** | **0** | **0.00** | **0.00** |
| Washington | Alberta | 6 501 | 58 022 | 285 111 | 3 206 105 | 43.86 | 43.49 |
| | British Columbia | 124 608 | 1 497 344 | 4 126 519 | 78 094 637 | 33.12 | 41.30 |
| **Subtotal Exports: Washington** | | **131 109** | **1 555 366** | **4 411 630** | **81 300 742** | **33.65** | **41.36** |
| Wisconsin | British Columbia | 0 | 2 | 0 | 203 | 0.00 | 101.71 |
| **Subtotal Exports: Wisconsin** | | **0** | **2** | **0** | **203** | **0.00** | **101.71** |
| Wyoming | British Columbia | 610 | 19 013 | 48 310 | 1 853 009 | 79.20 | 83.49 |
| **Subtotal Exports: Wyoming** | | **610** | **19 013** | **48 310** | **1 853 009** | **79.20** | **83.49** |
| **Total Exports** | | **2 773 721** | **16 190 719** | **159 895 587** | **1 059 067 332** | **52.97** | **55.56** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3B

## Import Purchases Summary Report by Source and Destination



| Source | Destination | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$)[1] JUN03 | Revenue (CAN$)[1] JAN03 - JUN03 | CAN$/MW.h[2] JUN03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| Illinois | Ontario | 1 309 | 157 307 | 61 580 | 14 211 605 | 47.04 | 78.36 |
| **Subtotal Imports: Illinois** | | **1 309** | **157 307** | **61 580** | **14 211 605** | **47.04** | **78.36** |
| Iowa | Ontario | 0 | 1 265 | 0 | 38 815 | 0.00 | 30.68 |
| **Subtotal Imports: Iowa** | | **0** | **1 265** | **0** | **38 815** | **0.00** | **30.68** |
| Maine | New Brunswick | 139 | 12 973 | 2 647 | 1 537 828 | 19.03 | 116.59 |
| | Quebec | 14 400 | 138 059 | 2 533 927 | 19 077 138 | 175.97 | 168.47 |
| **Subtotal Imports: Maine** | | **14 539** | **151 032** | **2 536 574** | **20 614 966** | **174.47** | **166.33** |
| Massachusetts | Ontario | 104 | 2 537 | 8 440 | 410 165 | 81.15 | 161.67 |
| | Quebec | 0 | 40 800 | 0 | 4 077 796 | 0.00 | 99.95 |
| **Subtotal Imports: Massachusetts** | | **104** | **43 337** | **8 440** | **4 487 961** | **81.15** | **103.56** |
| Michigan | Ontario | 430 673 | 2 066 014 | 17 932 880 | 127 326 102 | 41.64 | 60.72 |
| **Subtotal Imports: Michigan** | | **430 673** | **2 066 014** | **17 932 880** | **127 326 102** | **41.64** | **60.72** |
| Minnesota | Alberta | 609 | 5 310 | 35 665 | 341 407 | 58.56 | 64.30 |
| | Ontario | 135 585 | 704 986 | 5 906 589 | 45 535 431 | 43.56 | 64.36 |
| **Subtotal Imports: Minnesota** | | **136 194** | **710 296** | **5 942 254** | **45 876 838** | **43.63** | **64.36** |
| Montana | Alberta | 300 | 367 | 19 270 | 23 865 | 64.23 | 65.03 |
| **Subtotal Imports: Montana** | | **300** | **367** | **19 270** | **23 865** | **64.23** | **65.03** |
| ND/Minn | Manitoba | 571 167 | 2 798 689 | 18 696 303 | 117 102 796 | 32.73 | 38.03 |
| **Subtotal Imports: ND/Minn** | | **571 167** | **2 798 689** | **18 696 303** | **117 102 796** | **32.73** | **38.03** |
| New York | Ontario | 68 947 | 495 847 | 5 393 129 | 41 293 786 | 78.22 | 87.50 |
| | Quebec | 441 432 | 1 544 578 | 18 392 691 | 77 114 309 | 41.67 | 49.74 |
| **Subtotal Imports: New York** | | **510 379** | **2 040 425** | **23 785 821** | **118 408 095** | **46.60** | **59.27** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

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# TABLE 3B

## Import Purchases Summary Report by Source and Destination



| Source | Destination | Energy (MW.h) JUN03 | Energy (MW.h) JAN03 - JUN03 | Revenue (CAN$)[1] JUN03 | Revenue (CAN$)[1] JAN03 - JUN03 | CAN$/MW.h[2] JUN03 | CAN$/MW.h[2] L12M |
|---|---|---|---|---|---|---|---|
| North Dakota | Saskatchewan | 56 012 | 384 786 | 1 947 622 | 17 962 350 | 34.77 | 38.93 |
| **Subtotal Imports: North Dakota** | | **56 012** | **384 786** | **1 947 622** | **17 962 350** | **34.77** | **38.93** |
| Ohio | Ontario | 2 812 | 6 903 | 217 658 | 375 632 | 77.40 | 54.42 |
| **Subtotal Imports: Ohio** | | **2 812** | **6 903** | **217 658** | **375 632** | **77.40** | **54.42** |
| Oregon | Alberta | 1 130 | 5 150 | 49 940 | 315 946 | 44.19 | 53.09 |
| | British Columbia | 0 | 15 | 0 | 2 000 | 0.00 | 133.33 |
| **Subtotal Imports: Oregon** | | **1 130** | **5 165** | **49 940** | **317 946** | **44.19** | **53.23** |
| Pennsylvania | Ontario | 5 256 | 60 976 | 195 541 | 4 270 397 | 37.20 | 60.70 |
| **Subtotal Imports: Pennsylvania** | | **5 256** | **60 976** | **195 541** | **4 270 397** | **37.20** | **60.70** |
| Washington | Alberta | 27 182 | 487 130 | 1 248 830 | 31 450 560 | 45.94 | 56.46 |
| | British Columbia | 593 420 | 3 173 705 | 17 354 943 | 119 610 285 | 29.25 | 35.35 |
| | Saskatchewan | 0 | 156 | 0 | 3 543 | 0.00 | 22.71 |
| **Subtotal Imports: Washington** | | **620 602** | **3 660 991** | **18 603 773** | **151 064 388** | **29.98** | **38.35** |
| **Total Imports** | | **2 350 477** | **12 087 553** | **89 997 654** | **622 081 756** | **38.29** | **51.85** |

Footnotes:
1. Includes capacity and energy charges.
2. Average value for the month and the last 12 months (excludes capacity charge).

# TABLE 4
## Source of Production Report [1]
## Canadian Exports



| Fuel Type | JUN03 Energy (MW.h) | Revenue (CAN$) [2] | CAN$/MW.h [2] |
|---|---|---|---|
| Canadian Coal | 11 931 | 665 381 | 55.77 |
| Hydraulic | 1 303 513 | 68 163 174 | 52.29 |
| Imported Coal | 74 254 | 4 364 131 | 58.77 |
| Imported Oil | 128 476 | 7 629 764 | 59.39 |
| Natural Gas | 133 655 | 7 142 326 | 53.44 |
| Nuclear | 3 858 | 229 427 | 59.47 |
| Other | 688 784 | 39 045 291 | 56.69 |
| **Total** | **2 344 470** | **127 239 494** | **54.27** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

Additional Notes:
- Revenue for Permit 92 not available.

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# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | JUN03 Energy (MW.h) | JUN03 Revenue (CAN$) [2] | JUN03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **BC Hydro** | Hydraulic | Permit 105 | 75 | 8 724 | 116.32 |
| | | Permit 192 | 2 557 | 0 | 0.00 |
| | | Treaty 0 | 2 929 | 0 | 0.00 |
| | | **Subtotal** | **5 561** | **8 724** | **1.57** |
| | **Subtotal** | | **5 561** | **8 724** | **1.57** |
| **Brascan** | Hydraulic | Permit 112 | 177 077 | 8 536 477 | 48.21 |
| | | **Subtotal** | **177 077** | **8 536 477** | **48.21** |
| | **Subtotal** | | **177 077** | **8 536 477** | **48.21** |
| **Cargill Trading** | Other | Permit 204 | 13 979 | 568 341 | 40.66 |
| | | **Subtotal** | **13 979** | **568 341** | **40.66** |
| | **Subtotal** | | **13 979** | **568 341** | **40.66** |
| **Conectiv Energy** | Other | Permit 212 | 5 037 | 162 041 | 32.17 |
| | | **Subtotal** | **5 037** | **162 041** | **32.17** |
| | **Subtotal** | | **5 037** | **162 041** | **32.17** |
| **Coral Energy** | Other | Permit 174 | 12 409 | 619 056 | 49.89 |
| | | **Subtotal** | **12 409** | **619 056** | **49.89** |
| | **Subtotal** | | **12 409** | **619 056** | **49.89** |
| **Enmax Marketing** | Canadian Coal | Permit 169 | 1 557 | 60 211 | 38.67 |
| | | **Subtotal** | **1 557** | **60 211** | **38.67** |
| | **Subtotal** | | **1 557** | **60 211** | **38.67** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | JUN03 Energy (MW.h) | JUN03 Revenue (CAN$) [2] | JUN03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Hydro-Quebec** | Hydraulic | Licence 180 | 80 805 | 2 936 155 | 36.34 |
| | | Licence 181 | 13 719 | 498 498 | 36.34 |
| | | Licence 182 | 12 456 | 452 605 | 36.34 |
| | | Licence 183 | 22 038 | 800 779 | 36.34 |
| | | Licence 184 | 14 236 | 517 284 | 36.34 |
| | | Permit 20 | 174 | 12 546 | 72.18 |
| | | Permit 64 | 605 910 | 36 009 115 | 59.43 |
| | | **Subtotal** | **749 338** | **41 226 981** | **55.02** |
| | **Subtotal** | | **749 338** | **41 226 981** | **55.02** |
| **Manitoba Hydro** | Hydraulic | Licence 170 | 153 305 | 6 775 750 | 44.20 |
| | | Permit 33 | 20 402 | 857 166 | 42.01 |
| | | Permit 34 | 15 483 | 650 496 | 42.01 |
| | | Permit 35 | 10 476 | 505 828 | 48.28 |
| | | Permit 45 | 60 258 | 3 640 217 | 60.41 |
| | | Permit 46 | 6 515 | 495 022 | 75.98 |
| | | Permit 68 | 11 076 | 419 648 | 37.89 |
| | | Permit 144 | 11 603 | 770 496 | 66.40 |
| | | Permit 155 | 13 341 | 856 855 | 64.23 |
| | | Permit 207 | 23 444 | 1 694 514 | 72.28 |
| | | **Subtotal** | **325 903** | **16 665 992** | **51.14** |
| | Imported Coal | Licence 170 | 3 319 | 146 695 | 44.20 |
| | | Permit 33 | 442 | 18 558 | 41.99 |
| | | Permit 34 | 335 | 14 083 | 42.04 |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter

| Exporter | Fuel Type | Authorization | JUN03 Energy (MW.h) | JUN03 Revenue (CAN$) [2] | JUN03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| **Manitoba Hydro** | Imported Coal | Permit 35 | 227 | 10 951 | 48.24 |
| | | Permit 45 | 1 305 | 78 811 | 60.39 |
| | | Permit 46 | 141 | 10 717 | 76.01 |
| | | Permit 68 | 240 | 9 085 | 37.86 |
| | | Permit 144 | 251 | 16 681 | 66.46 |
| | | Permit 155 | 289 | 18 551 | 64.19 |
| | | Permit 207 | 508 | 36 686 | 72.22 |
| | | **Subtotal** | **7 057** | **360 820** | **51.13** |
| | Other | Licence 170 | 63 094 | 2 788 620 | 44.20 |
| | | Permit 33 | 8 397 | 352 774 | 42.01 |
| | | Permit 34 | 6 372 | 267 718 | 42.01 |
| | | Permit 35 | 4 312 | 208 178 | 48.28 |
| | | Permit 45 | 24 800 | 1 498 163 | 60.41 |
| | | Permit 46 | 2 681 | 203 731 | 75.99 |
| | | Permit 68 | 4 558 | 172 710 | 37.89 |
| | | Permit 144 | 4 775 | 317 104 | 66.41 |
| | | Permit 155 | 5 490 | 352 646 | 64.23 |
| | | Permit 207 | 9 649 | 697 392 | 72.28 |
| | | **Subtotal** | **134 128** | **6 859 036** | **51.14** |
| | **Subtotal** | | **467 088** | **23 885 848** | **51.14** |
| **NB Power** | Canadian Coal | Permit 47 | 16 | 1 017 | 64.11 |
| | | Permit 90 | 184 | 13 440 | 73.08 |
| | | Permit 91 | 7 984 | 469 914 | 58.86 |
| | | Permit 148 | 2 190 | 120 799 | 55.16 |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

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# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | JUN03 Energy (MW.h) | JUN03 Revenue (CAN$) [2] | JUN03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| | | **Subtotal** | **10 374** | **605 170** | **58.34** |
| **NB Power** | Imported Coal | Permit 47 | 2 565 | 164 423 | 64.11 |
| | | Permit 90 | 3 690 | 269 672 | 73.08 |
| | | Permit 91 | 56 148 | 3 304 778 | 58.86 |
| | | Permit 148 | 4 794 | 264 439 | 55.16 |
| | | **Subtotal** | **67 197** | **4 003 311** | **59.58** |
| | Imported Oil | Permit 47 | 2 902 | 186 015 | 64.11 |
| | | Permit 90 | 11 071 | 809 016 | 73.08 |
| | | Permit 91 | 86 206 | 5 073 909 | 58.86 |
| | | Permit 148 | 28 298 | 1 560 824 | 55.16 |
| | | **Subtotal** | **128 476** | **7 629 764** | **59.39** |
| | Natural Gas | Permit 90 | 6 | 428 | 73.08 |
| | | Permit 91 | 294 | 17 280 | 58.86 |
| | | Permit 148 | 133 355 | 7 124 617 | 53.43 |
| | | **Subtotal** | **133 655** | **7 142 326** | **53.44** |
| | Nuclear | Permit 47 | 160 | 10 261 | 64.11 |
| | | Permit 90 | 106 | 7 779 | 73.08 |
| | | Permit 91 | 3 591 | 211 387 | 58.86 |
| | | **Subtotal** | **3 858** | **229 427** | **59.47** |
| | Other | Permit 47 | 584 | 37 422 | 64.11 |
| | | Permit 90 | 3 467 | 253 334 | 73.08 |
| | | Permit 91 | 165 | 9 725 | 58.86 |
| | | **Subtotal** | **4 216** | **300 482** | **71.28** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.

# TABLE 5
## Source of Production Report [1] by Exporter



| Exporter | Fuel Type | Authorization | JUN03 Energy (MW.h) | JUN03 Revenue (CAN$) [2] | JUN03 CAN$/MW.h [2] |
|---|---|---|---|---|---|
| | **Subtotal** | | **347 775** | **19 910 479** | **57.25** |
| Powerex Corp. | Other | Permit 116 | 2 517 | 148 477 | 58.99 |
| | | Permit 118 | 486 089 | 28 911 371 | 59.48 |
| | | **Subtotal** | **488 606** | **29 059 847** | **59.48** |
| | **Subtotal** | | **488 606** | **29 059 847** | **59.48** |
| SPLIT ROCK | Other | Permit 221 | 30 409 | 1 476 488 | 48.55 |
| | | **Subtotal** | **30 409** | **1 476 488** | **48.55** |
| | **Subtotal** | | **30 409** | **1 476 488** | **48.55** |
| Teck Cominco | Hydraulic | Permit 132 | 45 634 | 1 725 000 | 37.80 |
| | | **Subtotal** | **45 634** | **1 725 000** | **37.80** |
| | **Subtotal** | | **45 634** | **1 725 000** | **37.80** |
| **Total All Exporters** | | | **2 344 470** | **127 239 494** | **54.27** |

Footnotes:
1. Source of production data filed by major exporters only.
2. Revenue figures are for illustrative purposes only and are strictly allocatable by energy source.